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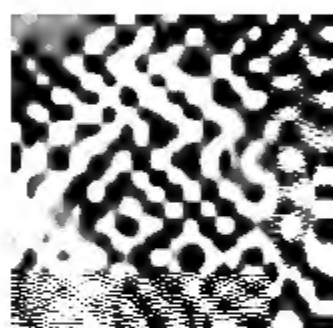
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**WAR DEPARTMENT :: OFFICE OF THE SURGEON GENERAL**

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**BULLETIN No. 10**

**DECEMBER, 1916**

**OFFICERS OF THE  
MEDICAL RESERVE CORPS  
UNITED STATES ARMY, INACTIVE LIST  
WITH  
POST OFFICE ADDRESSES OF EACH**

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**PUBLISHED BY AUTHORITY OF THE ACT OF CON-  
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## **PREFACE.**

The information is so frequently requested as to the names of the officers in the Medical Reserve Corps, and the possession of such a list in the hands of officers of the Army is a matter of such convenience and, at times, even necessity, that this list of names is therefore published in this manner, it having been decided by the War Department authorities to be impracticable to include it in the Army List and Directory published monthly.

This list is corrected to date, January 17, 1916.

This list does not include the names of officers of the Medical Reserve Corps who are on the active list, as their names appear in the Army List and Directory.

As names are being added from time to time, this list is only up to date of issue.



20-69

# **OFFICERS OF THE MEDICAL RESERVE CORPS,**

**UNITED STATES ARMY.**

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**WAR DEPARTMENT :: OFFICE OF THE SURGEON GENERAL**

**BULLETIN No. 11**

**MARCH, 1919**

**PHYSICAL EXAMINATION**  
*of*  
**THE FIRST MILLION DRAFT RECRUTS:**  
**METHODS AND RESULTS**

Compiled under direction of  
**THE SURGEON GENERAL**

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WASHINGTON  
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*U. S. Surgeon General*

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## ERRATA.

Page 78, line 11 from bottom, for February, 1917, read: February, 1918.

Page 131, paragraph 6 (21), line 2, for Table 18, read Table XVII. Also the plus and minus signs referred to were omitted by printer from table.

Page 133, paragraph 3, line 3, for Table XV, read Table 17; paragraph 4, line 6, for Table XX, read Table XXII. The plus and minus signs referred to were omitted by printer from table.

## INTRODUCTION.

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The initial selective draft of 1917 upon the male population of military age to meet the emergencies of the world war, gave the first opportunity in half a century to make a census of the physical constitution of the people of the United States. Out of approximately 10,000,000 males registered, ages 21 to 30 years, there were measured and examined physically at local boards about 2,510,000 men, of whom 730,000, or 29.1 per cent, were rejected on physical grounds. After Dec. 15, 3,208,446 were examined physically by local boards up to September 11, 1918. Out of these two groups during the period down to May, 1918, approximately a million men were sent to mobilization camps and any physical defects found in them were recorded. The defects thus recorded, distributed by States and by rural and urban districts, have been made the subject of analysis in the Medical Records Section of the Surgeon General's Office. The results of this examination of the first million men are given in the accompanying report.

The data are only a fraction of all that have been accumulated in the Section of Medical Records. The pressure for information renders a report desirable now. It is expected that later a report will be published combining all information gathered concerning 2,000,000 men accepted and sent to camp, about half a million men who were rejected by local boards, and several scores of thousands who were discharged from the Army for disability. In the final treatment it is proposed to take up many matters that are considered only provisionally here.

An attempt has been made to discuss the tables. Attention is drawn to the fact that conclusions based on such partial facts are not to be regarded as final. The fuller statistics may require some modification of them. The discussion merely serves to point out certain conclusions that may not be drawn and in general to suggest the need of extreme caution in interpreting statistics.

Some of the conclusions of this study, even though provisional, may be succinctly stated. The severity of the physical examination standards varied during the period under consideration. Beginning with a rigor comparable to that of the recruiting standards of the pre-war days, the standards became more liberal, for the local boards, from July, 1917, to February, 1918. After that time three groups of

accepted recruits appear, of which that destined for general military service was selected with something of a return to the original strictness; the bars were let down for the groups of men admitted to limited or special service, while for others induction was deferred awaiting remediable treatment.

Toward the end of December, 1917, there were organized medical advisory boards to which doubtful cases found by the local boards should be referred for advice. It appears that the utilization of the medical advisory boards was the more complete in accordance with the more perfect organization of the respective States or the accessibility of the medical advisory boards. For example, the medical advisory boards were less used in Texas, where there were only 15 to the whole State, than in Connecticut, where there were 17, or in Massachusetts, where there were 58.

A study of the percentage of rejections at mobilization camps shows a great fluctuation at the different camps. This is due largely to a variation in ideals of the physical examining board. Thus, of two camps receiving recruits from the northeastern part of the country Camp Meade rejected only about 0.82 per cent of them, whereas, Camp Devens rejected 8.65 per cent of its recruits. Of two camps receiving men from the southeast, Camp Lee rejected 2.04 per cent and Camp Jackson rejected 8.88 per cent. Of two camps drawing from the great West, Camp Funston rejected 3.75 per cent and Camp Lewis 7.39 per cent. Despite this large fluctuation in the percentage of rejections at the different camps it is possible to show that the incidence of particular defects and diseases in different sections of the country is very different. A large number of such facts are pointed out of which one of the most striking is the large occurrence of goiter in the region of the Great Lakes and the Northwest.

The relative frequency of the different causes of rejection is a matter of perennial interest. From fairly complete returns as to rejections at local boards, at mobilization camps, and of discharges on account of disability in camps, the Provost Marshal General<sup>1</sup> concludes that during the first four months of mobilization about one-third of the men who were physically examined were rejected on physical grounds, and during the following eight months about one-fourth of such men were rejected. The Provost Marshal General's figures indicate that about 22 per cent of the rejections were caused by some mechanical defect in the organism, or rather some defect or disease that would interfere with its mechanical performance, such as defects in the bones and joints, flat-foot, and hernia. An additional 15 per cent were rejected because of imperfections of the sense organs and about 13 per cent for defects in the cardio-vascular system. About 12 per cent were rejected on account of nervous and

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<sup>1</sup> Second report of the Provost Marshal General to the Secretary of War, 1919, p. 165, 166.



mental troubles, in part due to abnormal thyroid secretions. About 10 per cent were rejected on account of the two communicable disease groups—tuberculosis and severe cases of venereal diseases. About  $8\frac{1}{2}$  per cent were rejected because of developmental defects in physique; about 6 per cent on account of troubles in skin and teeth, and about  $13\frac{1}{2}$  per cent for other defects.

The rejections at camps following the physical examination of the first million men reveal a different order. Thus, imperfections in the sense organs are the principal defects in this group, amounting to 21 per cent, and the mechanical defects take second place, being 20 per cent of all the rejections. Circulatory defects and diseases come next at 15.7 per cent. The two great disease groups of tuberculosis and venereal follow at 15 per cent. Then come the skin and teeth (10 per cent); nervous and mental troubles (9 per cent); developmental defects (6 per cent), and "others," at 4 per cent, account for the remainder.

The differences in percentage of rejections in the different groups at camp and in the figures of the Provost Marshal General are largely due to the circumstance that certain groups of defects or diseases were more readily detected and thoroughly eliminated by the local boards than were others. Consequently, those conditions that were more difficult of detection appear in relatively greater frequency as causes of rejection at mobilization camps.

These facts about the amount and nature of disability have their importance in considering the military power of the United States. Their significance for civil life is less. Because one-third or even one-fourth of males 20 to 30 years of age are physically unfit to fight, it does not follow that so large a proportion are handicapped in appreciable degree for civil life. Combatant forces have to move on their feet often great distances each day and carry a load of 40 pounds or more on the back. A man who weighs only 100 pounds, however healthy and however strong he may be for his size, can rarely do this. But his small size may be even an advantage in civil life.

Again, many a man with tendency toward flat-foot or hernia may do his work in civil life well and always enjoy excellent health and be really unaware of any weakness, but his presence may handicap combatant troops. Defects in sense organs again are less important in civil life than in warfare, and the stress of struggle, work, and excitement on the battlefield requires a degree of perfection in heart action and innervation that is rarely demanded in civil life. On the other hand, nearly all the disabilities found in the nervous and mental group, and also tuberculosis and symptoms of venereal disease, are a handicap in civil life. These considerations reduce to possibly 15 per cent the proportion of males 20 to 30 years old who



carry a serious physical handicap against normal activity in civil occupations; that is, about half of the men rejected for general military service were without important physical handicap for activity in civil affairs.

A further study of the defects found at induction in relation to subsequent causes of discharge for disability gives us a means of judging of the suitability of the physical examination standards. It appears at once that, in the early months of mobilization, these standards, or at least the interpretations of them made by the examiners, were too lenient in the matters of flat-foot and of hernia; in consequence of which developmental battalions quickly became filled with these defects, and numerous operations at camp were made necessary.

Another result of a study of the grounds of rejection brings out the variability in rejectability of different diseases and defects. Thus, of the cases of nervous and mental diseases found, 94 per cent were rejected; of the cases of tuberculosis, 90 per cent; of the cases of organic disease of the circulatory system, 70 per cent; of cases of functional heart disease, less than 50 per cent.

A comparison is made of the defects found at mobilization camps of men coming from rural and from urban communities, and, in detail, from four large cities—New York, Chicago, Philadelphia, and Boston. It appears from the second report of the Provost Marshal General (p. 159) that local boards rejected from certain selected urban regions, 21.68 per cent, and from rural regions, 16.89 per cent. The total defects found in such urban recruits were 38.3 in a hundred, and in rural recruits 33.3 per hundred. Probably only a part of the excess of rejections found by local boards in urban regions is due to an inferior physique of city men; it is doubtless in large part due to the more critical examinations made by the medical examiners of the cities.

A few words may be added concerning the events which led up to the assignment of the present task to the Surgeon General's Office. The offices of the Surgeon General and the Provost Marshal General, realizing how important it was that the statistical material contained in the physical examinations of drafted men should be gathered and discussed, united in a joint communication (Dec. 27, 1917) to The Adjutant General, requesting that the reports of the physical examinations at the camps be loaned to the Medical Records Section of the Surgeon General's Office for the purpose. This request was approved.

Acknowledgment should be made of the cooperation in securing this result furnished by the Provost Marshal General and by Col. John H. Wigmore, Col. James Easby-Smith, and Col. Frank R. Keefer.

Grateful acknowledgment should also be made of the cooperation of Lieut. John P. Sharpe, Medical Corps, for his excellent work in supervising the coding of the data on the statistical cards and whose description of the work is freely quoted from on pages 41 to 46; to Second Lieut. Glendon H. Armstrong, Sanitary Corps, for his conscientious and painstaking work in tabulating the material by the electrical sorting and tabulating machines; to Hospital Sergt. Philip L. Repetto and Mr. John W. Beath for their careful and earnest work in the preparation of the statistical tables, and to the entire clerical force of the Medical Records Section, Surgeon General's Office, without whose patriotic and conscientious work this and similar works would be impossible.



# PHYSICAL EXAMINATION OF THE FIRST 1,000,000 DRAFT RECRUITS.

## I. GENERAL CONDITIONS OF THE SELECTION.

On April 6, 1917, Congress declared war against Germany and, on May 17 there was approved by the President a selective-service law providing for the registration of all males between the ages of 21 and 30 years (both inclusive). On June 5 nearly 10,000,000 males were registered, about one-fifth of the male population of the country. Out of this number two million and a half were called and examined. Of the first draft 1,057,363 were certified for military service.<sup>1</sup> By September 1, 180,000 selected men were ready to be sent to the national cantonments. By December 20, 527,100 (or 76.72 per cent of the number, 687,000, requisitioned in the entire first draft) had been called to the colors for duty at mobilization camps or coast-defense cantonments.<sup>2</sup>

About December 15, 1917, all registrants not yet called to the colors were required to file questionnaires giving detailed information in regard to industrial and agricultural status; and they were placed in five classes; of which Class I included those liable to immediate military service. The second draft was made on the men of this Class I. It was from these two drafts that those men considered in this report were drawn.<sup>3</sup>

The following table shows the numbers of men inducted into the Army under the Selective-Service Law, by months:

Table 1.<sup>4</sup>

Month.	Men inducted.	Month.	Men inducted.
1917.		1918.	
September.....	296,678	May.....	373,063
October.....	163,064	June.....	301,941
November.....	35,721	July.....	401,147
December.....	20,320	August.....	282,898
Total.....	516,363	September.....	262,295
1918.		October.....	250,000
January.....	23,288	November.....	10,000
February.....	83,779	Total.....	1,871,344
March.....	132,484	Grand total.....	2,801,635
April.....	174,377		
Total.....	413,928		

<sup>1</sup> Report Provost Marshal General on the First Draft, p. 44.

<sup>2</sup> Idem, p. 27.

<sup>3</sup> For the sake of completeness it may be added that the third draft consisted of men who had attained the age of 21 since June 5, 1917. These were registered on June 5, 1918 and Aug. 24, 1918. As Class I was practically depleted by midsummer, a law was passed by Congress, Aug. 31, providing for the registration of all male persons between the ages of 18 and 45, both inclusive, and about 13,000,000 additional men were registered under this law. Altogether under the three registrations, totalling 24,234,000 males, slightly over 2,800,000 were inducted into military service, 2,526,700 through calls issued to Local Boards, including 145,000 in the Students Army Training Corps, and 283,560 through voluntary inductions (Second Report of the Provost Marshal General, 1919, pp. 4, 31, 223, 235).

<sup>4</sup> From Table 5, Report of Secretary of War, 1918, p. 14.

The present study is concerned with the physical examination of nearly the first million of these men sent to camp, i. e., from September, 1917 to May, 1918.

To understand the results of the selection it is necessary to inquire more particularly into the organization of the selective-service machinery. To that topic we now turn.

The selective-service law of May 18, 1917, provided that there should be raised by draft an army of something over 1,000,000 men and additional recruits to maintain this army at maximum strength. To arrange for the draft the governor of each State was made responsible for dividing his State into districts, one to each county, except in cities of over 30,000 population, which latter were divided into a district for each 30,000 population, as nearly as possible. Accordingly, 4,557 local boards were formed. (Report of Provost Marshal General on the First Draft, 1918, pp. 11-15.)

The selection for the first draft under the selective-service law was made by means of a local board for each registration unit of the country. The local board consisted of three members, of whom at least one was to be a physician, "in whom the governor feels that he can repose implicit confidence." This physician usually made the physical examinations, though doubtless in some cases he received assistance.

In the physical examination of the first draft of over 527,000 men the findings of the medical officer of the Local Board was final, there was practically no appeal, since the district board of five members, one of whom was a physician (Report of Provost Marshal General, p. 13) could only pass formally on the results of the physical examination. As stated, about 527,100 men were inducted under these conditions.

On November 8, 1917, there were promulgated new Selective Service Regulations, which became effective December 15, 1917. The local boards were permitted (sec. 42) to appoint additional examining physicians to assist in the physical examinations. Also, medical advisory boards to the number of 1,319 were provided for appeal from the decisions of the local boards based on physical examination. Section 29 of the Selective Service Regulations reads:

Each State shall be carefully distributed with due regard to communication and hospital facilities for the erection of a number of medical advisory boards computed with a view to the equitable and practical distribution of the work of reexamination as provided herein and to the convenience of registrants and economy to the Government in sending registrants before such boards.

## II. CLASSIFICATION OF REGISTRANTS.

After December 15, 1917, all previously granted exemptions and discharges were annulled and all drafted men were required to fill

questionnaires concerning their industrial status and claims for exemption. The Selective Service Regulations (P. M. G. O., Form 999) provided that registrants should be placed in five classes, "in the inverse order of their importance to the economic interests of the Nation, which includes the maintenance of necessary industry and agriculture and the support of dependents." (Sec. 70.)

Class I included unmarried men without dependents and married men whose wife or children are not dependent upon their earnings. Classes II and III include various economic groups. Class IV included "any married registrant whose wife or children are mainly dependent on his labor for support," also mariners in actual employment in the sea service. Class V included various officers, clergymen, criminals, and pilots, also (Class V g) "a person found \* \* \* to be totally and permanently physically or mentally unfit for military service." (Sec. 79 g.)

The regulations concerning the physical examination at local boards are as follows (Sec. 122):

Upon appearance of the registrant he shall be examined as provided in Part VIII hereof, and the date of his examination shall be entered in column 20 of the classification list. The examining physician shall immediately enter his report and recommendation in triplicate on the report of physical examination (Form 1010), shall then and there inform the registrant of his conclusion as to whether the registrant is qualified or disqualified for general military service in some specified capacity, and shall forthwith submit his report to the local board.

If the registrant is not satisfied with such conclusion he shall then and there record in the place provided on Form 1010, a request to be sent before a medical advisory board. Failure to make this request on the day the registrant is examined and informed of the examining physician's conclusion shall foreclose the right of the registrant to appeal the finding of the local board on the physical qualification of the registrant.

The same procedure as to physical examination provided in these regulations for registrants in Class I shall also apply to all registrants who have been placed in a class more deferred than Class I, so soon as the immediately preceding or earlier class has been exhausted by calls into the military service and not before, except as provided in sections 128, 149, and 150.

NOTE.—Whether the examining physician of the local board is in doubt or not as to the physical qualification of a registrant for military service he shall nevertheless definitely report the registrant either as qualified or disqualified, and if he is in doubt as to such qualification or disqualification he may request to have the registrant sent before a medical advisory board as prescribed in section 123.

It will be thus seen that by these regulations a registrant who had been placed in Class I on economic and social grounds could be found either: <sup>1</sup>

Physically qualified for general military service.

Physically qualified for special or limited military service as ———.

Physically deficient and not physically qualified for military service by reason of ———.

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<sup>1</sup> Form 1010, Provost Marshall General's Office.

## **24 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.**

### **Section 124 prescribes:**

If the finding of the local board is not in accord with the recommendation of the medical advisory board, the local board shall make a special report to the district board of its reason for rejecting the recommendation of the medical advisory board.

### **Section 126 prescribes:**

In considering a case appealed on the ground of physical qualification, the district board shall neither conduct any new physical examination nor shall it receive or consider any evidence which was not considered by the local board, but shall, upon consideration of the record sent to it as prescribed in section 125, either affirm, modify, or reverse the decision of the local board and promptly enter its finding on all three copies of Form 1010, and immediately return the same to the local board.

**NOTE.**—Attention of district boards is invited to the fact that registrants appealing the result of their physical examination have already been twice examined, one of which examinations was the most thorough that could reasonably be provided in the community, and that before induction into military service they will again be exhaustively examined at a mobilization camp.

### **Section 124 prescribes:**

While men found disqualified for general military service but qualified for special and limited military service are not placed in Class V, they are subject to induction into military service only when a special or specific call for men disqualified for general military service and qualified for special military service only is made.

On arrival at one of the 16 mobilization camps of the National Army, recruits underwent a second (or third) physical examination in consequence of which they were again classified in one of the three groups just enumerated. If the recruits were accepted, they entered forthwith into military service. If found qualified for special or limited service they returned to their respective local boards until a special call was made for them, or, in some cases, they were retained at camp if there was need of men with their special qualifications. The regulations, section 188, prescribed:

In each case in which the registrant is found to be physically disqualified for general military service, the examining physician will ascertain the nature of the grades, professions, or other civil occupation of the registrant, and will report to the local board in the proper place on form for physical examination, whether in his judgment the registrant is physically capable of rendering special or limited military service in any such trade, profession, or occupation, or in a similar capacity. This information is desired in order that, if the exigencies of the war so require, the War Department may call upon such men for service other than active military service in the field. In deciding upon the registrant's qualifications for such service, the examining physician shall consider that the service here contemplated is not active military duty on the firing line, or any other class of duty necessitating greater physical development or endurance or more perfect vision or hearing than is necessary in the same class of work in civil life.

The regulations, section 187, provided for still another group at local boards and even at the mobilization camps:

Temporary effects of acute disease or of an injury are not to be regarded as justifying a finding that the person so affected is physically deficient and not physically qualified for military service, but such conditions justify a reasonable delay in completing the physical examination in order that an opportunity for recovery may be afforded.



Finally, the recruit might be rejected, or "discharged from draft." In the latter case the disposition of the man was determined in accordance with section 177:

When any selected man is rejected or discharged at a mobilization camp, the commanding officer thereof will promptly notify his local board of the fact, cause, and date of rejection or discharge, using Form 1029.

If the rejection or discharge is on account of the fact that the registrant is an alien or an alien enemy, or that he is physically disqualified for general military service, the local board shall place the registrant forthwith in Class V. If the discharge or rejection is on account of dependency or any other cause for deferred classification prescribed by these regulations, the local board shall proceed to reclassify the registrant in accordance with his status as determined by the action of the military authorities in discharging him.

### III. THE EXAMINING BOARDS.

The local board consisted, as stated, of three men resident of the county or division of the city, of whom one was a physician. In many cases the physician of the local board did all of the physical examining; in other cases, as directed in rules and regulations prescribed by the President, June 30, 1917, and in Selective Service Regulations, section 42, a special medical examiner or additional examining physicians were appointed. The quality of the examination at any local board depended chiefly upon the skill and experience of the examiner and in part upon the conditions under which he had to do his work. The quality of the work done by local boards varied greatly, as was to have been expected. As might have been anticipated, also, there developed something of a tendency among some examiners at certain camps to criticize harshly the work done by the local boards. On the other hand, there were not a few cases where men were rejected at camps and upon return to local boards were carefully reexamined by the local and medical advisory boards and no defect found. Such unfortunate mistakes were, however, not very common and were accounted for by the emergency which led to the all too hurried selection of examining officers and of examinations made by them when selected.

The medical advisory boards were composed of groups of specialists who examined doubtful cases more critically than physicians of the local boards and gave the local boards the benefit of their greater medical experience.

The medical examiners at camps were officers of the Medical Department of the Army. The work of examiners at mobilization camps was under the charge of the division (or camp) surgeon. He selected the routine (or preliminary) examiners. In part these were obtained by drawing upon regimental surgeons; in part by drawing upon base hospital personnel. Moreover, there were specialists selected by the various special sections of the Surgeon General's Office and detailed to camps for the purpose of the "final"



physical examination and examination for discharge. In most camps routine and special examinations were held together. Only in the latter part of 1918 had some camps secured a permanent examining personnel. The examining team was under the general control of a "chief medical examiner" (as he was called at some camps), who was responsible for the details of the examination rooms, who requisitioned the camp surgeon for medical officers and enlisted personnel, who certified in the name of the camp surgeon to the physical record, and who exercised through his final review of rejected cases a great influence upon the ideals of the examining team and upon the interpretation of the "standards" of the physical examination. There is evidence that the variation in the ideals of the chief medical examiners was in some cases more important in accounting for variations in the incidence of a particular defect than variations in social constitution or other peculiarities of distribution of the population tributary to a camp.

#### IV. THE PHYSICAL EXAMINATION STANDARDS (P.E.S.).

The rules to be found in the classification of a man on physical grounds were embodied in pamphlets which bore different names at various times but may be spoken of generally as physical examination standards.

Of these standards six were effective during the period of the examination with which this paper is concerned. Three were intended primarily for local boards, one for medical advisory boards, and two for use at mobilization camps. These will be designated by the abbreviations P.E.S.; as P.E.S. No. 1, No. 2, etc.

##### 1. P.E.S. No. 0.

One of these standards had been in effect for the Regular Army since April 18, 1910. It is entitled "Rules for the Examination of Recruits." (General Orders, No. 66, War Department.) It is included in our series since it was the only standard available for some examining officers at the beginning of the first draft. Because it belongs to the pre-war period it may be designated briefly as "P.E.S. No. 0." Its prescriptions will be referred to from time to time. In brief, it may be said that they are much more rigid than the earlier standards for men of the selective draft, 1917-18. For example, before the war all venereal diseases were causes for rejection; they were not among drafted men.

The remaining standards may now be considered in order.

##### 2. P.E.S. No. 1.

On July 2, 1917, Regulations Governing Physical Examinations Under the Selective Service Act of May 18, 1917, prepared by the

Surgeon General of the Army (Form 11, P.M.G.O.) and prescribed by the President of the United States, were published. Although clearly intended primarily for the guidance of local boards they applied also to examiners at mobilization camps.

The following defects are given as causes for rejection:

*Mental.*—Lack of normal understanding.

*Skin.*—Chronic, contagious, and parasitic diseases, when severe and extensive; chronic ulcers, deep or extensive.

*Head.*—Abrupt depression in skull, the consequence of old fracture.

*Spine.*—Curvatures, caries, abscess. Lateral curvature is cause for rejection when it exceeds 1 inch to either side of the line of spinous processes, especially when it throws the shoulders out of symmetry.

*Ears.*—All catarrhal and purulent forms of otitis media; perforation of tympanum.

*Eyes.*—Acuity of vision below the requirements of paragraph 2 (j); conjunctival affections, including trachoma and entropion; strabismus, diseases of the lachrymal apparatus, exophthalmos, ptosis, asthenopia, nystagmus.

*Mouth, nose and fauces.*—Deformities interfering with mastication or speech, chronic ulcerations, fissures or perforations of the hard palate, hypertrophy of the tonsils sufficient to interfere with respiration or phonation, loss of voice or manifest alteration of it. The person must have at least four serviceable molar teeth, two above and two below on one side and two above and two below on the other side, and so opposed as to serve the purpose of mastication. A good fitting bridge or plate where not more than one-half of the teeth are involved is not disqualifying.

Obstruction of nostrils, or foul discharge indicative of ozena.

Simple atrophic rhinitis is readily curable. Nasal polypi often means chronic sinusitis, but are not a bar to acceptance for military service. Sunken or scarred nose is often indicative of syphilis, while a red bulbous nose suggests alcoholism or indigestion.

*Neck.*—Pronounced goiter, great enlargement or ulcerations of the cervical glands.

*Chest.*—Disease of lungs and heart, especially in flat or narrow or malformed chest. In examining the heart care must be taken not to ascribe to disease the hurried, sharply accentuated action sometimes due to nervousness, fright, or embarrassment, or the irregular action caused by the excessive use of tobacco. Nor should the examiner attach undue importance to the soft systolic murmurs often heard in growing athletic youths, functional and temporary in their nature.

*Abdomen.*—Chronic inflammations of the gastrointestinal tract, including chronic diarrhea and dysentery and other diseases of the contained organs; great care should be exercised before exempting for these conditions; hernia in all situations.

*Anus.*—Hemorrhoids of a pronounced type, prolapsus, fistula and fissures.

*Genito-urinary organs.*—Syphilis when discernible by inspection and physical examination; tight urethral stricture, undescended testicle, chronic orchitis, marked hydrocele; chronic disease of the bladder and kidneys. Varicocele does not constitute a cause for rejection unless it is so large as to interfere with locomotion; it frequently occurs among the most robust men and often without their being aware of its existence. Gonorrhea, acute and chronic, is not disqualifying, but individuals so affected should be advised immediately to secure appropriate medical treatment pending receipt of orders to report for duty.

*Affections common to both extremities.*—Chronic rheumatism and diseases of the joints of disabling type, irreducible dislocation or false joints, old dislocations if attended with impairment of motion or distortion of the joint, severe sprains, chronic synovitis, badly united fractures, caries, necrosis, atrophy or paralysis, extensive or adherent scars, permanent contraction of muscles.

*Hands.*—Webbed fingers, permanent flexion, extension or loss of motion of one or more fingers; loss or serious mutilation of either thumb, total loss of index finger of the right hand, total loss of any two fingers of the same hand, or loss of the second and third phalanges of all the fingers of either hand.

*Lower extremities.*—Pronounced varicose veins, especially when attended with edema or marks of ulceration, pronounced knock-knees, club feet, flat feet, webbed toes, bunions, overriding or marked displacement or deformity of any of the toes, hammertoes.

The shin bone, if rough, nodulated and tender, suggests syphilis.

A broad, flat sole is common in laboring classes, particularly among negroes, and is in no way disabling. In the flat foot which renders a man unfit for service, the arch is so far gone that the entire border rests upon the ground, with the inner ankle lowered and very prominent and the foot apparently pushed outward. Flat feet are not infrequently the result of tuberculosis process.

These regulations prescribed that weight, height, and chest measurements should be taken and a minimum height of 61 inches, weight of 118 pounds and chest circumference of 31 inches accepted. Also, a maximum height of 78 inches, weight of 211 pounds and chest circumference at expansion of 38½ inches (mobility of 4 inches). The minimum requirement for hearing was set at 10/20 or half of normal hearing. Examinations by local boards under these regulations began on July 20, 1917. They seem to have been the sole authorized complete set of standards for examiners at mobilization camps throughout the period covered by this report.

### 3. P. E. S. No. 2.

Examinations of drafted men at cantonments began about September 6, 1917. Under date of August 25, 1917, the Surgeon General issued Instructions for the Physical Examination of Drafted Men at National Army Cantonments. This pamphlet deals primarily with the technique of examination; but it also prescribed standards. In memorandum No. 3, August 22, 1917, of this pamphlet it is stated (p. 3, footnote) that—

The physical standards for this examination are contained in Form No. 11, Provost Marshal General's Office (copy inclosed) and in special memoranda and circulars inclosed.

The circulars and memoranda referred to are printed with memorandum No. 3 as memoranda Nos. 4 (Aug. 22), 5 (Aug. 22), 6 (Aug. 23), 7 (Aug. 23), 8 (Aug. 23); and circulars 20 (June 13), 21 (July 14), 22 (Aug. 1), 23 (Aug. 13). It may be noted in passing that the standards of P. E. S. Nos. 1 and 2, thus prescribed simultaneously for guidance of medical examiners at mobilization camps, were in some cases in disagreement. For example: P. E. S. No. 1 states:

The following defects are causes for rejection: flat feet, bunions, overriding or marked displacement or deformity of any of the toes (hallux valgus), hammertoes.

P. E. S. No. 2 states:

Hallux valgus, per se, is not disqualifying unless excessive. . . . Bunion, if slight, is not disqualifying. . . . Hammertoes: One of these on a foot is not disqualifying.

It was prescribed that the reexamination of drafted men should be made with the least practicable delay after their arrival at the cantonment, as follows: (a) The preliminary examination; (b) the final examination.

*The preliminary examination.*—The preliminary examination should be conducted at regimental infirmaries (if practicable) by regimental medical officers, and such other medical examiners as may be detailed by proper authority. As a result of this examination medical officers are authorized to accept for service all men who are mentally and physically qualified. All cases recommended for rejection and doubtful cases of every sort will be reported by name to the division surgeon for further examination.

*The final examination.*—At each cantonment specialists have been detailed to conduct the final examination, as follows: examiners for visual defects and diseases of the eye; for defects of hearing and diseases of the ear, nose and throat; for diseases of the lungs; for diseases of the heart and vascular system; for mental and nervous diseases; for diseases of the bones and joints, including the feet; for dental defects; and for general disqualifying conditions not covered by these specialities.

Drafted men whose physical condition has been reported to the division surgeon as in doubt, or deserving of discharge, at the preliminary examination, will be referred to the medical examiner of the speciality concerned. The special examiner will make such tests and examinations as he may deem necessary. In all cases where there is agreement between the specialist and the regimental surgeon the latter should accept or reject as the case may be; in case of disagreement, the matter should be referred to the division surgeon.

The following were the principal grounds of rejection: Vision, as in P. E. S. No. 1; acuity of hearing, as in P. E. S. No. 1, also any aural discharge. But, in contradistinction to P. E. S. No. 1, the tympanic membrane may be perforated or practically absent, and the registrant accepted, if only hearing is standard.

The standard requires the exclusion from active service in the Army of any man affected with disease of the heart or blood vessels which impairs his ability to undergo severe bodily exertion. Specifically:

Impulse to the left of the nipple line or below the sixth rib and of heaving character is cause for rejection.

Of valvular diseases:

Loud systolic murmurs, audible at the apex and in the left back, if associated with any enlargement of the heart, with snapping first sound or accentuation of the pulmonic second sound shall be cause for rejection. If unassociated with these other signs and the response to exercise be normal, the recruit may be accepted for special service.

Systolic murmurs at the base, except as specified above especially those heard in the second right intercostal space, require more careful scrutiny. They may be due to disease of the aortic valves. In this case they should be harsh, conveyed

well into the neck, associated with an aortic diastolic murmur, with thrill, or with a marked enfeeblement of the aortic second sound. Any of these combinations shall disqualify.

Aneurism, wherever situated, shall disqualify. A constant pulse rate of 100 or more (tachycardia) should disqualify.

A persistent rate of 50 or under (bradycardia) suggests heart block and this should be excluded by tracings. Heart block should disqualify.

Complete irregularity of the pulse (arrhythmia) indicates auricular fibrillation and shall disqualify.

A systolic pressure persistently above 160 mm. or a diastolic above 100 mm. shall disqualify for active service, but if this be the only impairment, the recruit may be accepted for special service.

On the mental side it was prescribed that idiots, inebriates, and morons should be discharged; also that epilepsy, drug addiction, and alcoholism showing degeneration should be ground for rejection. Organic nervous disease is also a ground for rejection. Also, hyperthyroidism, *dementia praecox*, manic-depressive insanity, psychoneuroses, and psychopathic character.

In the orthopedic examination it was prescribed that:

Major orthopedic conditions, due to structural changes, such as would impair the functions of joints, deformities from previous disease, extreme mal-postures, with accompanying deformities, etc., should be regarded as disqualifying.

Minor abnormalities are frequently remediable. Among these are some forms of flat foot; hammer toes; callosities; corns, hard and soft; claw toes (contractures in dorsal flexion); over-riding toes; "Morton's toe"; ingrowing nails; irregularities of the nails; bunions; and hallux valgus.

Certain forms of flat foot are disqualifying. Disease in the ankle joint is a cause for rejection. Pronation of foot beyond a certain degree, and rigid ankle joint may be grounds of rejection. Additional causes of rejection are: Flaccid foot, flat foot combined with "(a) loss of dorsal flexion, (b) rigid metatarsal and subastragaloid joints, (c) rigid and deformed toes, (d) excessive hallux valgus, (e) hallux rigidus, (f) pronation, (g) pain and tenderness and very prominent scaphoid," and obliteration of the transverse arch associated with certain painful or rigid symptoms. The rigid great toe is disqualifying; also, arthritis in toes unless very slight and localized. In the back, evidence of old arthritis resulting in rigidity, or of tuberculosis with deformity ever so slight, must be considered as distinctly disabling.

#### 4. P. E. S. No. 3.

On November 8, 1917, there were issued Selective Service Regulations, of which Part VIII dealt with "physical examinations." These were instructions for local boards. The minimum stature still stood at 61 inches. Dry perforated tympanic membrane was made not disqualifying. The list of eye defects which permitted acceptance was drawn rather more liberally. Hypertrophy of the tonsils was made no longer disqualifying, but local boards were to

advise registrants to have them removed immediately. Exophthalmic goiter became a ground for rejection. Disease of lungs remained a ground of absolute rejection. The grounds of disqualification on account of heart troubles were defined essentially as in the Instructions for cantonments. "Hernia in any location disqualifies."

In the genito-urinary group there were removed from causes of rejection syphilis (except when permanently incapacitating) and undescended testicle (unless located in the inguinal canal).

The definitions of dental requirements were changed to the following:

The person must have at least eight serviceable natural masticating teeth, either bicuspid or molars, four above and four below opposing, and six serviceable natural incisors or canines, three above and three below opposing. These teeth must be so opposed as to serve the purposes of incision and mastication. There must be one molar above and one below on one side which occlude; the remaining six opposing masticating teeth may be either bicuspid or molars.

Teeth restored by crown or fixed bridge work, when such work is well placed and thoroughly serviceable, are to be considered as serviceable natural teeth within the meaning of the above paragraph.

Form 1010 became now the standard report form for physical examinations.<sup>1</sup>

#### 5. P. E. S. No. 4.

On January 28, 1918, a revision of the physical examination requirements of the Selective Service Regulations (C. S. S. R. No. 3) was issued. This provided that all doubtful cases found by local boards must be referred by the local board to the medical advisory board for further examination and classification. Physicians on the local boards were not required to make a complete examination of every registrant; as soon as an unconditional disqualifying defect was found the registrant was rejected; similarly, as soon as a doubtful symptom was discovered the registrant was to be referred to the medical advisory board.

Standards were now formulated (in C. S. S. R. No. 3) for "Special examinations and standards for unconditional rejection, unconditional acceptance, with or without remedial defects, and reference to the medical advisory boards."

In the nervous group chronic alcoholism was defined in extenso, and it was provided:

Accept all registrants with apparent normal understanding and whose speech can be understood and who have no definite signs of organic disease of the brain, spinal cord, and peripheral nerves. Refer all other registrants to the medical advisory board.

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<sup>1</sup> Form 1010 (like its predecessor Form No. 14 P. M. G. O.) had its limitations as a fundamental form. It did not provide for notations as to race or color, nationality, age, occupation, or marital condition of the registrant.



Of the skin it was prescribed to reject disfiguring skin diseases; to accept those of a trivial or temporary sort, and to refer to the medical advisory board remedial ulcers, and other skin diseases not accepted or rejected. Registrants with skin diseases of a temporary character were advised to accept treatment pending receipt of orders to report for duty.

*Head.*—Depressions and other abnormalities of the bones of the skull were now to be accepted unless accompanied by serious mental or nervous defects. All doubtful cases to be referred to the medical advisory board.

*Spine.*—Slight curvatures not interfering with function to be accepted, but reject all with symptoms of disease of vertebrae; refer all others.

*Ears.*—To be referred were all below the standard hearing of 10/20 in one or both ears and complete deafness in one ear; also, all registrants with chronic discharge from middle ear.

*Eyes.*—Strabismus (if vision is up to standard); ptosis (if not interfering with vision); and color blindness to be accepted; also a vision of 20/100 in one eye and 20/40 in the other, without glasses, or 20/100 in each eye without glasses if correctable with glasses to 20/40 in either eye.

*Mouth, nose, and throat.*—Deformities interfering with speech to be rejected only when speech is unintelligible. All registrants who have not complete obstruction to nasal breathing to be accepted.

*Neck.*—Unless exophthalmic goiter is fully developed with thyroid enlargement, pulse over 120 and exophthalmus, the case is to be referred to the medical advisory board.

*Lungs.*—All cases with moist sounds during cough or during respiration and with marked dullness on percussion to be referred. Also men who are underweight or who have sunken and deformed chests.

*Cardio-vascular.*—The local board rejects all men with definite symptoms of circulatory failure, viz, a combination of breathlessness, marked cyanosis and edema; and refers all others except obviously normal cases.

*Abdomen.*—It was now ordered that registrants with small or medium reducible inguinal, femoral, umbilical, and post-operative hernia should be unconditionally accepted; all very large hernias to be referred to the medical advisory board.

*Anus.*—No lesion in this area to be rejected; all but small external and internal hemorrhoids, fissures, and condylomata to be referred.

*Genito-urinary organs and venereal disease.*—The new regulations prescribed acceptance of all acute and chronic cases of gonorrhea and syphilis, who have no complications permanently incapacitating. Also accept varicocele, hydrocele, undescended testicle and regis-

trants with but one testicle if the removed testicle was not the seat of malignant disease. To be rejected are: Extraversion of the bladder, distinct hermaphrodites and cases where the penis has been destroyed by operation or disease.

*Affections common to both extremities.*—All registrants with one good arm and one good lower extremity, and other doubtful cases to be referred to medical advisory board. Also the new standards called for rejection of all registrants with an extensive disease of one joint, associated with sinuses of long duration.

*Lower extremities.*—The new specifications require acceptance of registrants with varicose veins, when not associated with edema and leg ulcer. All cases of hammer toe, hallux valgus, bunion, callosities, the different types of flat feet, club feet, and claw feet are to be accepted, if they do interfere with the wearing of an ordinary shoe, and with walking and weight-bearing power. Local boards were permitted to reject no foot cases.

*Height, weight, and chest measurements.*—Registrants whose chest measurements do not come within the limits of the table, and who have no disqualifying defect, are to be referred to the medical advisory board. Accept the registrants above 78 inches in height, when exceptionally well-proportioned. Also reject registrants less than 58 inches tall.

Registrants whose weight is below the minimum, and whose underweight can easily be explained, and who are otherwise physically fit are to be accepted. Registrants with overweight are to be accepted unless the obesity interferes with normal physical activity. The minimum height in the table of standard measurements is given as 60 inches, and the minimum weight 120 pounds.

*In general,* to be referred to the medical advisory board are all registrants with possible tuberculosis, with marked anemia, with extreme debility, and with a history of malignant tumor.

*Teeth.*—The new specifications reduce the number of serviceable natural masticating teeth to three above and three below, opposing, and the same number of incisors. Crowns and bridge-work were accepted as serviceable natural teeth, but teeth with pyorrhea pockets are not serviceable. Local boards can reject no registrants on account of teeth. Doubtful cases must be referred to the medical advisory board.

In general, to disqualify a registrant the local board must vote unanimously to do so, and the disqualification must be so obvious as to leave no room for reasonable doubt.

Thus it will be seen that, by the new regulations, the authority of the local board for registrants has vastly diminished, and authority of the medical advisory board correspondingly increased. Also, it appears, the restrictions limiting acceptance were greatly diminished.



At this period of mobilization the idea held before the physical examiner was that of securing the greatest number of men for the Army.

#### 6. P.E.S. No. 5.

Up to this time no detailed instructions had been given to the medical advisory boards, partly because great reliance was placed on the judgment of the experienced physicians constituting those boards; however, it soon became obvious that further definition of methods of classifying registrants referred to the medical advisory boards was necessary. Consequently there was published, February 14, 1918, A Manual of Instruction for Medical Advisory Boards. This became effective in March, 1918 (Form 64, P.M.G.O.). This manual was "prepared by a board of qualified specialists, including military surgeons appointed by the Surgeon General, and the rules and standards" therein set forth were "based upon the same rules and standards that are to be followed by the military examining surgeons at cantonments or recruiting stations. In this manner it is expected that no registrants found by the boards to be qualified for military service will be rejected upon their subsequent examination by the examining surgeons at the camps" (p. 3). This expectation proved to be, as the sequel will show, unjustified.

For the first time also a manual of instructions recognized clearly four general groups, which had by this time become formulated and published as section 128½ of the Selective Service Regulations, reading as follows:

The regulations (Part VIII) governing physical examinations by local boards prescribe a standard of unconditional acceptance and a standard of unconditional rejection. All cases found, upon physical examination by a local board, falling between these two standards shall be referred by the local board to the medical advisory board, in the same manner as other cases that are required by these regulations so to be referred. Cases so referred as falling between these two standards, and cases referred to medical advisory boards under other provisions of these regulations, shall be examined by the medical advisory boards, who, after examination in accordance with the Manual of Instructions for Medical Advisory Boards (Form 64, P.M.G.O.), shall: (a) Accept the registrant as physically qualified for general military service; or, (b) Accept the registrant as physically qualified for general military service when cured of—(naming a remediable defect for which acceptance is authorized in the Manual of Instructions for Medical Advisory Boards, Form 64, P.M.G.O.); or, (c) Accept the registrant as physically qualified for special or limited military service in a named occupation or capacity; or, (d) Reject the registrant; and shall record their finding in the proper spaces provided on Form 1010.

Medical advisory boards shall find a registrant physically qualified for general military service (rule a above) only when he falls within the standard of unconditional acceptance as prescribed in sections 182 to 188, inclusive, as further explained and amplified by the Manual of Instructions for Medical Advisory Boards (Form 64, P. M. G. O.), including cases of slight remediable defects not included under foregoing rule b.

Medical advisory boards shall find a registrant physically qualified for general military service when cured of a remediable defect (rule *b* above) only in those cases when such acceptance is specifically authorized in the Manual of Instructions for Medical Advisory Boards (Form 64, P.M.G.O.); namely, when a registrant is found to fall within the "deferred remediable group."

The object of the new regulation is stated to be:

To secure great efficiency in the selective service. The members of medical advisory boards should consider the regulations as a guide to their discretion. Therefore the regulations are not to be construed too arbitrarily. The object of the regulations is to procure men who are physically fit, or who can be made so, for the rigors of field service, and the determination of this question is left to the judgment and discretion of local and district boards as advised by local examining physicians and by the medical advisory boards (pp. 9, 10).

The changes in the standards introduced by the manual are as follows:

(*a*) *Mental and nervous*.—This article remains essentially the same in its specifications as in P. E. S. No. 4, except that it has ordered that—

Registrants with history or symptoms of drug addiction, if otherwise mentally and physically fit for military service, shall be accepted for general military service in the deferred remediable group (Group B), and be so indicated by the medical advisory board.

The manual also provides that any registrant who shows the majority of the catalogued symptoms of chronic alcoholism shall be rejected.

(*b*) *Skin*.—Medical advisory boards are directed to reject as physically deficient and not physically qualified for military service persons suffering from the following diseases: Actinomycosis, dermatitis herpetiformis of long duration, epidermolysis bullosa, forms of universal dermatitis of long duration, glanders, idiopathic multiple hemorrhagic sarcoma of skin, mycosis fungoides, pemphigus chronicus of long duration, pemphigus foliaceus, and pemphigus vegetans.

Medical advisory boards are also instructed to classify in Group B registrants with large remediable ulcers, and registrants with a lesion of the skin distinctly malignant, but apparently curable. Registrants who have been operated upon for a malignant tumor of the skin that has not recurred and shows little likelihood of recurrence, are to be classed in Group A.

(*c*) *Head*.—The following skull defects in registrants are causes for rejection from Group A, if larger than a 25-cent piece and not beneath temporal or occipital muscles. If the skull defect is smaller than a 25-cent piece, and there is no bulging or pulsation, the registrant may be placed in Group A.

(*d*) *Spine*.—Registrants who have the following defects shall be rejected: Definite signs of abscess or sinus and definite signs of

fixation of the vertebral column, nontuberculous diseases of the vertebral column which have produced limitation of motion in any portion thereof, fractures of the sacrum and pelvic bone, fracture of vertebrae, and lateral deviation of the spine from normal mid line, if more than 3 inches. If less than 3 inches and more than 2 inches, the registrant will be placed in Group C. If the deviation is 2 inches or less, the registrant shall be placed in Group A. A cause of rejection also is objective symptoms of disease in sacro-iliac and lumbo-sacral joints.

The standards admit of acceptance to Group A of all registrants presenting prominent scapulae when due to other cause than paralysis, in which case they go to Group C.

(e) *Ears and hearing*.—Place in Group A registrants whose hearing in both ears is 10/20 or above only.

Registrants who have lost one or both external ears or in whom either is deformed or mutilated, but whose hearing is within the standard of Group A, are to be accepted. Also registrants with any lesion of the external auditory canal except a definite malignant tumor, provided hearing is acceptable.

Registrants whose hearing in one or both ears is less than 10/20 but more than 5/20 shall be accepted for Group C, provided there is no discharge from the middle ear. When hearing in one or both ears is less than 5/20, place in Group D.

(f) *Eyes and vision*.—Eyes correctable with glasses to 20/40 in either eye are to be put into Group C. Into Group B are placed registrants with trachoma, who are otherwise physically fit; also ptosis interfering with vision, and corneal ulcers.

To be rejected are all registrants whose vision is below 20/200 in each eye without glasses. Also those with the following defects: Disfiguring cicatrices; lagophthalmos (inability to close the lids); pronounced exophthalmos (pathologic); chronic keratitis; chronic recurrent inflammatory diseases of the globe; deep ulcers of the cornea; opacities of the lens, or its capsule, sufficient to reduce the vision below the standard, and progressive cataract of any degree; any organic disease of the retina, choroid, or optic nerve; detachment of the retina; marked nystagmus; loss or disorganization of either eye; glaucoma; all eye signs associated with toxic goiter; malignant tumors of the lids or globe (if operation has been performed for malignant growth and proof furnished, it is cause for rejection); and diplopia, if associated with paralysis of the extrinsic ocular muscles.

(g) *Mouth, nose, pharynx, larynx, trachea, and esophagus*.—Medical advisory boards were directed to reject stricture of esophagus when made known by objective indications, and to accept benign growth of any kind, nasal polypi, hypertrophy of the mucous

membrane, benign superficial ulcerations, deviation of the septum, nasal obstruction or discharge from the nose, acute and chronic laryngitis, also paralysis of one vocal cord due to operation. Syphilitic laryngitis disqualifies only when it has led to permanent loss of speech.

(*h*) *Neck*.—Medical advisory boards are directed to accept in Group A, “registrants with symmetrical enlargement of the thyroid (simple goiter) and a symmetrical enlargement of lobes or isthmus (benign thyroid tumors),” if there is no evidence of toxic symptoms; however, if the enlargement of the thyroid interferes with the wearing of a uniform, place in Group B.

To be accepted also are registrants who have had tuberculous glands removed from the neck, and in whom the scar is healed, even if a few smaller glands can be felt. Similarly if, in unoperated registrants, there are small palpable neck glands. Even a single sinus in the neck with a history of suppuration as its cause shall not prevent the registrant from being placed in Group A, but multiple sinuses of the neck of long duration cause rejection. Neck cyst or benign tumors of the neck and mixed tumor of the parotid shall not prevent placing the registrant in Group A. Slight nonspastic contraction of the muscles of the neck does not prevent the registrant from being placed in Group A, but if the torticollis is marked, the registrant is put in Group B, unless defect is irremediable by operation, so as to make rejection necessary. Spastic torticollis causes rejection (Group D). To be rejected are registrants with definite signs of myxœdema, leukaemia, Hodgkin’s disease or lympho-sarcoma. Evidence of toxic symptoms in exophthalmic goiter is cause of rejection.

(*i*) *Lungs*.—Medical advisory boards are directed to exclude cases of manifest tuberculosis, but the presence of tuberculosis must be definitely ascertained.

To be accepted are: Registrants with acute bronchitis, chronic bronchitis (unless well marked) and hay fever; with a history of operation for empyema if a year has elapsed since the healing of the wound, and there are no other symptoms; with fracture of the ribs if breathing is not interfered with; syphilitic periostitis of rib, sternum or clavicle; or with small palpable glands of the axilla.

To be placed in Group C are registrants with chronic sinuses of the thorax, following operations for empyema, well marked chronic bronchitis, and pneumo-coniosis.

Reject registrants with tuberculosis of the ribs or sternum or with cancer of the breast.

(*k*) *Heart and blood vessels*.—Medical advisory boards were advised that “any murmur that is heard should be considered accidental and insignificant, unless it can be positively demonstrated that it is a

mitral or aortic diastolic murmur." Registrants with the objective signs of Raynaud's disease shall be rejected. Thrombophlebitis of one extremity less than a year old and showing no swelling or loss of function to be placed in Group A, and otherwise in Group C.

1. *Abdomen*.—Medical advisory boards are instructed to study carefully all types and degrees of hernia not mentioned in the regulations of the local boards. If, after this examination, it is the opinion of the medical advisory board, that the hernia is remediable by operation, and the registrant is otherwise physically fit, he shall be placed in Group B, but if an operation for hernia will certainly or probably not be successful, he will be placed in Group C. A hernia so large as to show every evidence of permanently incapacitating the registrant shall be ground for classifying him in Group D.

Scar pain following operation from hernia or appendicitis shall not prevent the registrant from being placed in Group A. Gall bladder disease with or without jaundice whether subsiding or past, with or without history of operation, may not prevent acceptance in Group A. If there is a history of definite recurring attacks of cholecystitis, medical advisory boards may, if they think best, place the registrant in Group B. Registrants who show signs of jaundice are to be placed in Group B and reexamined after symptoms have disappeared.

Registrants who complain of indigestion, dyspepsia, weak stomach, constipation, abdominal pain, belching of gas, or other subjective symptoms shall, if no organic disease be found, be accepted in Group A.

Findings of operable gastric succorhea and acheylia gastrica are to be placed in Group B.

Pellagra, if incipient, will not exclude from Group A, but in later stages place the registrant in Group B. Gastric and duodenal ulcers place in Group B. Claims of intestinal stasis do not prevent the registrant being classified in Group A, unless there has been operation for this trouble.

A huge enlargement of the liver or spleen places the registrant in Group D, or, if the enlargement is moderate, it does not disqualify. Fistula in the abdominal wall prevents the registrant from going into class A, but he may be placed in Group B or C, as the case may warrant.

(m) *Anus*.—Registrants with internal hemorrhoids which show bleeding or prolapse, also those with simple fistula in ano, are to be placed in Group B, but if the prolapse of the rectum be extreme, if there be paralysis of the sphincter ani or stricture in the lower rectum, or cancer in the lower rectum or anus, the registrant is rejected.

(n) *Genito-urinary organs and venereal diseases*.—Medical advisory boards are instructed to place into Group B registrants temporarily incapacitated with the complications of venereal diseases. Registrants with benign warts and tumors of the glans penis and prepuce



shall be accepted, but malignant tumors shall be held for operation, upon the outcome of which shall depend the classification of the registrant in Group A or D. Large hydroceles are to be placed in Group B pending operation. Epididymitis does not in itself disqualify but, if due to tuberculosis, the registrant is put in Group D. Benign or malignant tumors of the bladder are causes for rejection, unless the benign tumor has been removed without evidence of recurrence. Pyelitis of the kidney without other disease places the registrant in Group B, but more severe infections of the kidney place him in Group D. Albuminuria which does not disappear when the patient is at rest and on restricted diet is ground for rejection.

(o) *Affections common to both extremities.*—Accept for limited and special military service, Group C, registrants with only one good arm and one good leg, provided their condition does not prevent some useful occupation. If it does, reject.

Proven active tuberculosis of bone or joint shall reject the registrant from any military service, but bone tumors that do not interfere with function or have been removed, shall be accepted, Group A. Remediable benign tumors go into Group B. If the operation for benign bone tumor has resulted in interference with function, place in Group C. If a malignant bone tumor is or has been present, place in Group D.

(p) *Upper extremities.*—Accept for general military service, Group A, registrants with ganglion and other benign tumors of the hand and fingers. The following defects place the registrant in Group C: Loss of thumb and index finger; loss of two fingers on one hand; webbed fingers; one or more partially stiff fingers, with or without contractures; total loss of fingers of one hand; deformities or defects from injury or disease.

Reject no registrant with disabling deformities of the hand or fingers, when in his present civil occupation he is able to pursue any occupation which would be useful in special or limited military service (Group C).

(q) *Lower extremities.*—Medical advisory boards are instructed to accept registrants for general military service with such deformities as slight coxavara, knock-knee, bow leg, and deformity of the ankle after Pott's fracture, provided there is no interference to function. Into Group B are to be placed registrants with internal derangements of the knee joint, or with benign tumors, extra articular, unless not disabling. Unless the restriction of motion of a joint is more than 25 per cent of the normal, the registrant is placed in Group A; otherwise in Group C.

(r) *Foot.*—If the registrant has a lesion of the foot or toes which, in the opinion of the medical advisory board, is remediable by treatment or operation, place in Group B; otherwise in Group C or D, as

the case may warrant. If a leg is shortened less than 1 inch, the registrant may nevertheless be placed in Group A, but if more than 1 inch, he is placed in Group C.

(s) *Height, weight, and chest measurements.*—Registrants under 60 inches tall may not be put in Group A, but if otherwise fit, they may be put in Group C. Registrants weighing less than 114 pounds shall not be classified in Group A, unless the defect is remediable. Registrants who weigh more than 120 pounds but less than the prescribed weight for height indicated in the standard table, may be placed in Group A if the defects is deemed remediable by camp life; otherwise in Group C.

If the registrant, after proper instruction, appears to be unable to expand the chest as prescribed, he should be placed in Group C, unless the defect is probably remediable by camp life.

A registrant whose height is 78 inches or more and is well proportioned and not over or under weight and without signs of giantism or acromeglia is placed in Group A.

#### 7. SUMMARY OF SEVERITY OF STANDARDS.

An attempt has been made to compare the rigidity of the sets of physical examination standards. It is obvious that these are not exactly comparable owing to the circumstance that they are drawn up for different classes of examinations. However, allowance may be made for this fact in summarizing the comparison.

The comparison made is shown in Table 2. This table is drawn up in the following way. To each of 23 groups of definitions there is assigned an arbitrary number ranging from nine, indicating the greatest severity of this series, to zero, the least severity. Since the definitions are not usually quantitative the number assigned is usually a relative one that would be in some cases difficult to justify, and yet that seems on the whole the fairest to apply. In the case of P. E. S. No. 1, the definitions were often very brief and loosely given, so as to permit the appearance of great laxity in the standards. Actually great liberty of decision was allowed to the examiners.

Also in P. E. S. No. 4 there is a broad range of acceptance combined with the instructions to refer doubtful cases to the medical advisory board. The definitions for the medical advisory board are naturally somewhat stricter than those of the local board. The medical advisory board, however, was instructed to accept men who would otherwise be rejected for the deferred-remedial or the limited-service groups. For the latter two groups the definitions were, from strictly military standards, extremely lax. Summarizing the table it appears that starting with an average severity in the pre-war specifications of about 9 the first regulations for the local boards and camps were much less strict, reaching 7.3. P. E. S. No. 2 for use at camps

increased this severity slightly, but the following two standards intended for local board use placed the standard for strictness at 7.4 and then 6.5.

The standard for acceptance for general military service issued to the medical advisory board was increased somewhat, namely, to 6.8, but for the remedial or special or limited group it was diminished to 4.4. Thus it is seen that during the latter half of 1917 the standard of severity was rapidly diminished in order to permit the acceptance of the greatest possible number of men. (Fig. 1.)

TABLE 2. *Severity of standards for rejection (or classification as A, B, C, D) in the various physical examination standards, Nos. 1 to 5.*

	P. E. S. No. 1, local boards and camps, July, 1917.	P. E. S. No. 2, mobil- ization camps, August, 1917.	P. E. S. No. 3, local boards, Novem- ber, 1917.	P. E. S. No. 4, local boards, Febru- ary, 1918.	P. E. S. No. 5, medical advisory boards, March, 1918.		
					A.	B.	C.
Mental.....	3	9	7	8	8	.....	.....
Skin.....	4	4	4	3	4	1	.....
Head.....	2	2	2	1	1	.....	.....
Spine.....	7	9	6	6	5	.....	4
Ears.....	8	7	7	6	5	.....	3
Eyes.....	7	7	6	5	7	.....	4
Mouth and naso-pharynx.....	8	8	7	.....	.....	.....	.....
Teeth.....	6	8	8	7	7	.....	.....
Neck.....	7	7	8	7	7	5	.....
Chest.....	7	7	.....	.....	9	.....	5
Lungs.....	7	9	9	8	9	.....	8
Cardio-vascular.....	8	9	9	8	9	.....	7
Abdomen.....	9	9	9	7	8	6	4
Anus.....	8	8	8	7	8	6	.....
Genito-urinary.....	9	9	9	7	6	.....	.....
Venereal disease.....	7	7	4	2	4	2	.....
Extremities.....	9	9	9	8	8	.....	5
Hands.....	9	9	9	8	8	.....	5
Legs.....	9	9	9	8	8	4	.....
Feet.....	9	9	8½	7	7	.....	3
Height.....	8	8	8	7	7	.....	6
Weight.....	8	8	8	7	.....	.....	.....
Chest.....	8	8	8	8	7	.....	6
Average.....	7.3	7.8	7.4	6.5	6.8	4.0	5.0
						4.4	

## V. THE METHODS OF OBTAINING AND TABULATING THE STATISTICAL RESULTS OF THE PHYSICAL EXAMINATIONS AT MOBILIZATION CAMPS.

The physical examination of drafted men was first made by local boards, and a report thereof was made upon Form 14, P. M. G. O., during the earliest months of the draft. But after about the middle of November, 1917, this was replaced by Form 1010, P. M. G. O.

Unfortunately the original framers of P. M. G. O., Form 14, and later of P. M. G. O., Form 1010, failed to make provision for certain essential data. No space was provided for a record of nativity, occupation, age, and color of the man examined. It is true that these data were recorded on the registry card. However, it has not been possible



up to the present time to bring together the data from the physical examinations and those from the registry cards. It is also a source of regret that many of the terms used in recording the physical defects by the medical examiners both at the camps and at local boards were extremely vague. It was consequently necessary in the preparation of this work to include a number of terms which, on account of indefiniteness, are ordinarily not acceptable to the medical profession. It was not at all uncommon to find such terms recorded as: Malunion of fracture, no location given; deformity of hand; deformity of legs; deformity of chest, etc. It was considered, nevertheless, better to use on the statistical cards terms actually recorded than to attempt to guess what the actual condition or the cause might have been.

The report of the physical examination was made out in triplicate, one copy was retained by the local board, and two copies were sent with the drafted men to the mobilization camp. Here the report of the physical examination was made in duplicate upon the two copies received from the local boards. One copy was sent to The Adjutant

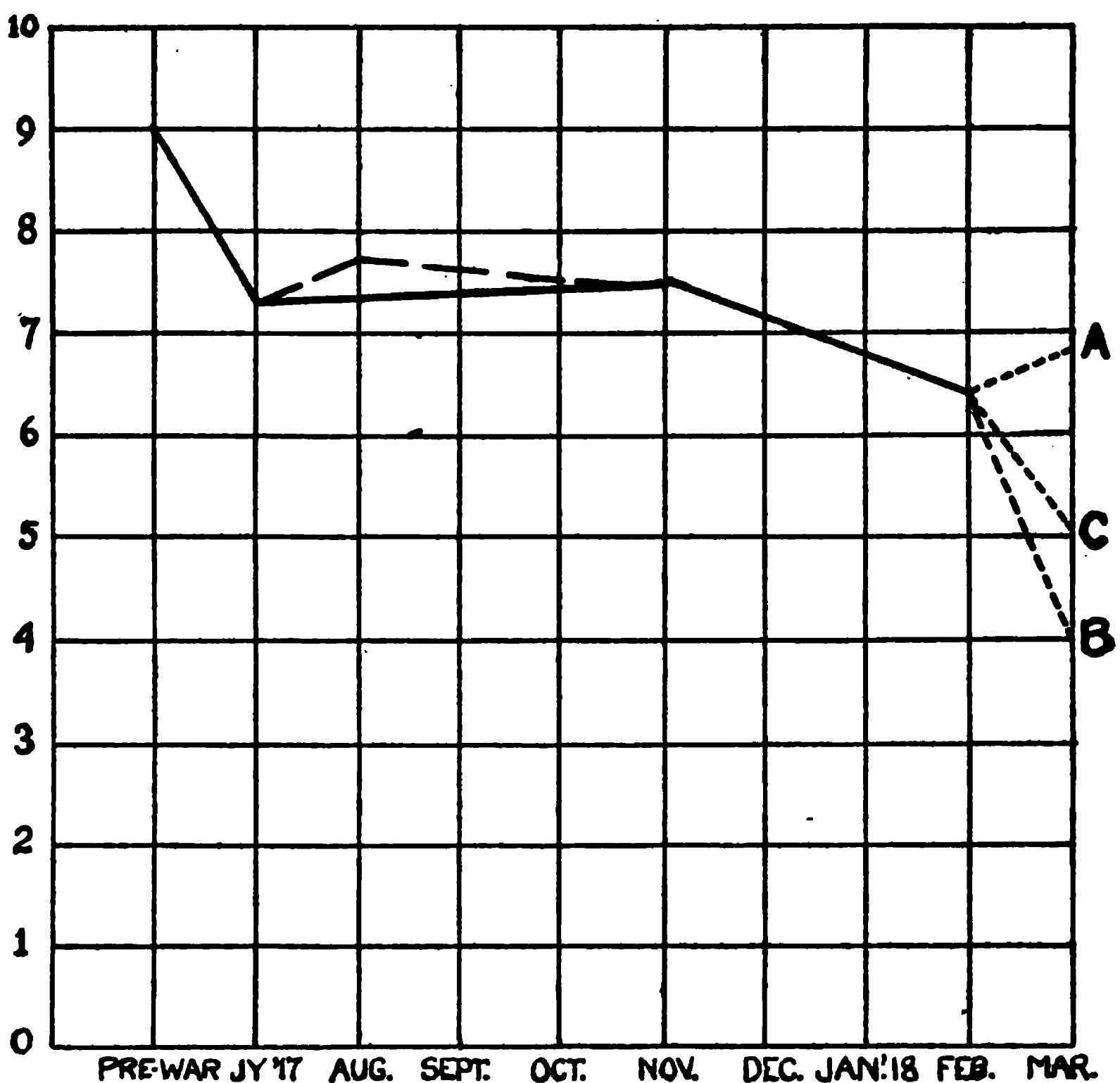


FIG. 1.—Graph representing the various degrees of rigidity of the physical-examination standards at different months from July, 1917, to March, 1918. Full line refers to standards for the local boards; dash line to the standard of August, 1917, for mobilization camps; the dotted line refers to the three groups of men accepted, classed on their physical examination, as A, B, and C.

General of the Army and the other copy was retained at the mobilization camp.

In the case of men rejected by their local boards and placed in Class V (G) the triplicate report was retained by the local board. Subsequently it was ordered by the Provost Marshal General that one copy should be sent to the draft executive of the State, who should transmit it to the Surgeon General of the Army. Thus the Office of the Surgeon General of the Army became the repository of a set of reports of the physical examination of men rejected by local boards. The reports of the men examined at mobilization camps which had been forwarded to The Adjutant General were borrowed by the Office of Medical Records of the Surgeon General of the Army, where the physical data were taken off on statistical cards and the measurements and defects found were eventually tabulated.

A copy of the statistical card used is shown in figure 2. Holes were punched in the statistical card corresponding to the coded numbers of defects, etc., by means of a key-punch machine, shown in figure 3. The different defects found were then sorted by machine (fig. 4) and the number falling into each class was counted by the tabulating machine (fig. 5).

The following are the details concerning the methods of coding physical data from Forms 17 and 1010, P. M. G. O.:

In height, weight, and chest measurements where the fraction is less than one-half inch or pound only the whole number is coded; when the fraction is one-half or more the next whole number is used.

In recording physical defects the major or most important defect or disease said to exist by the mobilization board is taken; if the man is not examined by the mobilization board the major defect or disease that is said to exist by the advisory board is taken. If the man is examined only by the local board, then the data are taken from their examination.

In order to show on the punch card whether the man has been accepted or rejected by the local, advisory, and mobilization boards, the following classification is used, each having a single code number: Accepted with defect for operation; recommend acceptance with defect for operation; man not examined; physically qualified with one defect; physically qualified with two defects; physically qualified for special or limited service with one defect; physically qualified for special or limited service with two defects; physically qualified for special or limited service with three defects; physically disqualified with one defect; physically disqualified with two defects; physically disqualified with three defects.

When a man is accepted for service with no defect, "X" is used in the physical defect space. If he has a disease or defect, the code number corresponding to that disease or defect is used in place of the "X." *When more than one defect is present, all are counted, but only the major or more important one is coded.* The defects and diseases most commonly found in the physical examination of the men have been arranged in their order of importance from a military standpoint.<sup>1</sup> Hernia, which is considered an absolute cause for rejection, or for "acceptance with defect for opera-

<sup>1</sup> The order of military importance here given is that adopted in coding the defects of the first million men. The statement above has an historical value; it is not cited as the present belief of the authors. Experience indicates that functional cardiac disorders were ranked too low in order of military importance; to-day their grave significance in recruits is better recognized.



Goiter, except exophthalmic goiter, is considered a minor defect.

The various deformities of the chest, as "funnel," "asymmetrical," "pigeon," "flat," or similar terms, are not coded as defects unless the degree of deformity is stated to be "marked," "severe," or of such degree as to interfere with standing erect, drilling, etc.

Relaxed inguinal rings are considered a defect; but when associated with such defects as syphilis, flatfoot, tuberculosis, gonorrhea, or valvular heart disease, the preference is given to the latter defects; when associated with hypertrophied tonsils, varicose veins, various deformities of the hand or foot, etc., then the preference is given to the relaxed rings.

Scars of the abdomen and extremities from operations or burns are not coded unless "extensive," "painful," or "with marked cicatricial contraction." If an abdominal scar is associated with a "weak abdominal wall," then it is considered a defect. Curvature of the spine is considered only when "marked" or "severe." Ankylosis of the joints, either fibrous or bony, is always coded as a defect. Old fractures of the

FIG. 3.—Key punch machine: The card is inserted into the carrying arm of the machine (indicated by arrow at left). The punch operator uses the keyboard (indicated by arrows at top), reading the code numbers from the left border and top of the card while she punches. As each figure is punched, the machine automatically carries the card to the left and in position for punching the succeeding figures.

extremities are not coded unless a "deformity" is present from malunion, or "ankylosis," or "loss of motion" is said to exist. A finger amputated at the distal phalanx is not considered a defect. If amputated at the second phalanx or proximally, it is as coded the loss of the whole finger. Varicose veins are considered only when "marked" or "painful," or "with symptoms."

The common deformities of the nose, as a deviated septum, nasal spurs, or hypertrophied turbinates, being common defects and ones that can in all probability be corrected, if necessary, are not considered for the statistics. Hypertrophied tonsils, because they play such an important part as a source of various infections of the body, are considered defects; but when associated with other defects as varicocele, venereal disease, or flatfoot, the latter are given the preference.

In coding defects of the heart, "functional," "systolic," "accidental," or "cardio-respiratory murmurs" are not considered as matters of great importance. When a definite disease of the heart is said to exist, as mitral stenosis or regurgitation, aortic

stenosis, or regurgitation, or stated as "organic murmurs," it is coded as a defect and ranks next to hernia and venereal disease in order of importance. Cardiac hypertrophy or dilatation, whether slight or marked, is always considered a defect. Tachycardia is considered only when characterized as "constant," "persistent," or by any other term that shows it to be of a permanent character and not from nervousness as a result of the physical examination.

In considering defects of the lungs, "râles," "dullness over lungs," "bronchial breathing," "rough breathing," etc., are not taken as defects. If the man is rejected or discharged from the Army for any of these physical signs, it is considered a defect.

If any of the physical signs are found to fit in with any previous illness with other parts of the examination, such as underweight, poor physical development, persistent cough, hemotysis, etc., then the symptoms for which the man was rejected or discharged are coded as near as possible as a definite disease. Asthma, tuberculosis, and similar diseases are always considered major defects.

Diseases of the genito-urinary organs, like syphilis and gonorrhea, are always considered major defects and rank next to hernia in order of importance. Varicocele is not coded a defect unless it is said to be "marked," "large," or "with symptoms." Hydrocele is always coded as a defect. Atrophy of the testicle is not considered, but defects such as monorchism, cryptorchidism, or hypospadias are always coded.

Hemorrhoids are considered only when "external," "large," "bleeding," or "painful." Small epithelial or skin tags are not coded. Fistula in ano is always a defect.

All degrees of flatfoot are coded as defects. Hallux valgus is considered a defect, but overriding toes are not unless they are of such severity as to be a cause for rejection, and pronated feet only when "marked" or "severe." Weak, flaccid and spastic feet or similar conditions of the feet whose function can be restored by treatment are not considered.

FIG. 4.—Sorting machine: Cards are set on the metal platform (A); the motor (B) causes the cards to be automatically fed into the machine by a "feeder" (C). As the punch holes of a single column of figures come in contact with an electric needle, the cards are sorted and carried by a card-conveying belt (D) into the collecting boxes (E). Each box is numbered to correspond with the series of figures that appear on the punch card.

## VI. GROUNDS OF REFERENCE TO MEDICAL ADVISORY BOARDS.

The medical advisory boards were devised as a result of the experience of the first selective draft and became effective

with the second draft after the induction of about 527,100 men.

The organization of the medical advisory boards is indicated by the following extracts from the Selective Service Regulations of November 8, 1917. In these Regulations section 29 reads:

Each State shall be carefully districted with due regard to communication and hospital facilities for the erection of a number of medical advisory boards computed with a view to the equitable and practical distribution of the work of reexamination as provided herein and to the convenience of registrants and economy to the Government in sending registrants before such boards.

Also, section 44 reads:

There have been provided in the various counties, cities, and other localities throughout the United States, medical advisory boards, who will examine registrants sent to them by local boards or State adjutants general for examination and will advise such local boards or State adjutants general concerning the physical condition of such registrants. Upon the advice so obtained, local boards may proceed to a final determination concerning the physical qualification of such registrants.

Also, section 123 reads:

If the examining physician is in doubt as to whether the registrant is to be held for military service, or if the examining physician finds the registrant to be qualified for military service and either the Government appeal agent, the registrant, or two members of the local board, are dissatisfied with such finding, such examining physician, Government appeal agent, members of the local board, or registrant may apply to the local board to have the registrant sent before the nearest medical advisory board

FIG. 5.—Tabulating machine: Cards are placed on the metal platform (A); the motor (B) causes the cards to be automatically fed into the machine by a "feeder." As the punch holes come in contact with numerous electric needles (C), the number depending on the amount of information desired, the items or set of items are counted. The cards are collected in a "stacker" (D) under the machine. The dials (indicated by vertical arrows) show the desired totals.

(provided in sections 29 and 44 hereof) for an exhaustive reexamination. Such application shall be made by entering it in the place provided in Form 1010. Thereupon the local board shall, unless it decides by unanimous vote that the case is one in which there is no room for reasonable doubt, immediately send the registrant before such medical advisory board, forwarding to the medical advisory board the examining physician's report (Form 1010) in triplicate, and, where necessary, and when the registrant is not sent at his own request, furnishing the registrant with transportation.

Section 124 gives the following instructions:

While men found disqualified for general military service but qualified for special and limited military service are not placed in Class V, they are subject to induction into military service only when a special or specific call for men disqualified for general military service and qualified for special military service only is made.

If the finding of the local board is not in accord with the recommendation of the medical advisory board, the local board shall make a special report to the district board of its reason for rejecting the recommendation of the medical advisory board.

From the foregoing extracts it will be seen that the function of the medical advisory board was, as its name indicated, purely advisory. Also it will be specifically noted that the medical advisory board functioned only during the induction of the last 400,000 men considered in this report, or about two-fifth of all. Nevertheless, it will be interesting to consider the principal grounds of reference to medical advisory boards and the varying extent to which the same diseases were referred by local boards to the medical advisory boards in the different States. In the following sections will be considered primarily those diseases for which the local board during a part or the whole of the period under consideration was required to reject.

TABLE 3.—*Tuberculosis, pulmonary.*

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined at medical advisory board.	Per cent rejected at mobilization camp for tuberculosis that had been referred to medical advisory board.
Tennessee.....	8	0.58	10	11.49	55.56
Wisconsin.....	28	1.64	11	7.12	23.20
Kansas.....	47	5.09	17	23.29	26.56
District of Columbia.....	3	.69	1	6.41	25.00
Colorado.....	47	7.44	13	28.20	21.67
Missouri.....	180	7.68	43	24.86	19.28
New Hampshire.....	9	4.32	2	9.66	18.18
Oregon.....	9	2.52	2	6.21	18.18
New York.....	189	2.27	40	6.47	17.47
New Jersey.....	52	1.84	11	4.98	17.46
South Dakota.....	16	4.26	3	11.63	15.79
Vermont.....	11	5.98	2	8.30	15.38
Illinois.....	149	2.26	25	5.50	14.37
Rhode Island.....	24	6.66	4	11.36	14.29
Michigan.....	111	2.81	17	6.13	13.28
Georgia.....	107	5.45	16	12.40	13.01
Oklahoma.....	53	2.80	7	7.24	11.67
Arizona.....	31	8.34	4	22.73	11.43
Indiana.....	64	2.90	8	6.13	11.11
Nebraska.....	40	3.85	5	9.40	11.11
Utah.....	17	3.78	2	12.66	10.53
Connecticut.....	62	4.82	7	8.89	10.15
Minnesota.....	31	1.20	3	1.82	8.82
Kentucky.....	110	7.21	10	16.16	8.33
Maine.....	24	7.75	2	8.09	7.69
Pennsylvania.....	88	1.16	7	2.27	7.37
Virginia.....	51	2.82	4	7.42	7.27
Massachusetts.....	156	5.47	12	7.31	7.14
Ohio.....	84	1.64	6	2.36	6.67
West Virginia.....	29	2.40	2	3.84	6.45
Washington.....	59	4.73	4	3.83	6.35
New Mexico.....	30	10.92	2	21.98	6.25
Louisiana.....	106	8.57	7	18.23	6.19
Mississippi.....	97	11.46	6	16.48	5.83
Iowa.....	86	4.47	5	3.68	5.40
Texas.....	158	4.52	7	7.82	4.24
Alabama.....	94	6.02	4	5.87	4.08
South Carolina.....	86	8.72	3	18.63	3.37
Montana.....	83	2.96	1	1.61	2.94
Arkansas.....	218	22.00	4	10.53	1.80
California.....	243	6.97	4	4.01	1.62
North Carolina.....	161	10.93	2	4.57	1.23
Florida.....	44	7.58			
Wyoming.....	11	6.25			
Idaho.....	18	4.61			
Delaware.....	6	3.40			
Nevada.....	2	1.43			
North Dakota.....	7	1.16			
Maryland.....	3	.32			
State not specified.....	874	8.72	8	4.82	.91
Total.....	4,166	4.41	353	7.15	7.81



1. *Tuberculosis*.—Before the organization of the medical advisory boards, local boards were required to reject all cases of lung diseases. After February, 1918, they were required to refer to the medical advisory boards all cases of lung diseases except men with tuberculosis who were confined to their beds. This regulation was effective during about three months of the period under consideration.

Of the cases that were rejected at camp for pulmonary tuberculosis, after having been accepted by local and medical advisory boards, there were from Tennessee 8 who had not been referred to the medical advisory boards and 10 who had. Thus the proportion referred was 55.5 per cent of all. Similar facts are shown for all of the States in Table 3.

From Table 3 it appears that in the State of Wisconsin 28 per cent of those rejected at mobilization camps for tuberculosis had been referred to the medical advisory board, while on the other hand of the 163 rejections at mobilization camps for tuberculosis of men from North Carolina only 1.2 per cent had been referred to the medical advisory board. This difference indicates that the examiners at the local boards in Wisconsin were careful about following instructions that required them to send doubtful cases to the medical advisory boards; whereas it would appear that in North Carolina the physicians of the local boards made little use of the medical advisory boards to advise in regard to just these cases which had ultimately to be rejected.

It remains to be considered if there is any difference between the proportion of men rejected at camp for tuberculosis from Wisconsin and from North Carolina. It appears from Table VI that while only 2.10 of the men from Wisconsin were rejected at mobilization camps on account of tuberculosis, 10.74 of the men from North Carolina were rejected at mobilization camps for the same cause. The medical advisory boards clearly did save sending many a potential reject to camp.

On account of this conscientious reference of doubtful cases by Wisconsin boards there were only 43 cases of tuberculosis, pulmonary, found at mobilization camps in the first million men, or 2.32 of all examined, while from North Carolina there were found 165 cases, or 10.87 of the men examined from that State. Indeed, if one compares the entire list in Table 3 with Table 50, giving the number of cases of tuberculosis found in the first million men examined at mobilization camps, arranged in descending ratio of cases found per thousand men examined, then the arrangement of the States in the two tables is in nearly inverse order. For example, Tennessee, Wisconsin, District of Columbia, Oregon, New York, New Jersey,



South Dakota, Illinois, Oklahoma, States which are in the upper part of Table No. 3, are distinctly in the lower half of Table 24, while, on the other hand, North Carolina, California, Arizona, South Carolina, Alabama, Mississippi, and Louisiana, States which are near the bottom of Table 3, appear in the upper half of Table 50. At the same time it must not be forgotten that one reason why so large a number of recruits from particular States were found at mobilization camps with tuberculosis is because of the relative high frequency of the disease in certain States.

TABLE 4.—*Epilepsy.*

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined at medical advisory board.	Per cent rejected at mobilization camp for epilepsy that had been referred to medical advisory board.
North Dakota.....	4	0.66	1	1.73	20.00
Colorado.....	5	.79	1	2.17	16.67
Kansas.....	5	.54	1	1.37	16.67
Nebraska.....	5	.48	1	1.88	16.67
Missouri.....	17	.73	3	1.73	15.00
Georgia.....	12	.61	2	1.55	14.29
Virginia.....	7	.39	1	1.86	12.50
Michigan.....	26	.66	3	1.08	10.34
Illinois.....	40	.61	4	.88	9.09
North Carolina.....	22	1.49	2	4.57	8.33
Wisconsin.....	11	.64	1	.65	8.33
Ohio.....	30	.58	2	.79	6.25
Louisiana.....	65	5.25	5	13.02	7.14
Alabama.....	13	.83	1	1.47	7.14
New York.....	79	.95	6	.97	7.06
California.....	20	.57	1	1.00	4.76
Pennsylvania.....	20	.26	1	.32	4.76
Arkansas.....	32	3.23	1	2.63	3.03
Massachusetts.....	51	1.79	1	.61	1.92
New Hampshire.....	5	2.40			
Maine.....	7	2.26			
Connecticut.....	28	2.18			
Mississippi.....	17	2.01			
South Carolina.....	19	1.93			
Florida.....	10	1.72			
Delaware.....	2	1.13			
Oregon.....	4	1.12			
New Mexico.....	3	1.09			
Vermont.....	2	1.09			
Iowa.....	20	1.04			
New Jersey.....	28	.99			
Rhode Island.....	3	.83			
Nevada.....	1	.72			
Kentucky.....	11	.72			
Indiana.....	15	.68			
Arizona.....	2	.54			
Tennessee.....	7	.51			
Idaho.....	2	.51			
Texas.....	17	.49			
Oklahoma.....	9	.48			
Montana.....	4	.36			
Minnesota.....	9	.35			
West Virginia.....	4	.33			
Washington.....	3	.24			
District of Columbia.....	1	.23			
Maryland.....	1	.11			
State not specified.....	291	2.90	1	.60	.34
Total.....	989	1.05	39	.79	3.79

Consequently, one can conclude, in general, that where the most use is made by local boards of the medical advisory board in selecting for tuberculosis, from those States there was the smallest proportion of rejections for tuberculosis at the mobilization camp.

2. *Epilepsy*.—The first physical examination standards which became effective after the organization of the medical advisory boards provided that local boards should reject epilepsy without referring to the medical advisory board, provided, "verified histories establish the disease as of long duration, and of the type of grand mal."

Table 4 shows the percentage of men rejected at mobilization camps for epilepsy that had been referred by their local boards to medical advisory boards. As will be seen, the numbers of men involved in the statistics are not great. It is plain, however, that there was a real difference in the procedure of local boards in Missouri, where, out of 20 cases found, 15 per cent had been referred to the medical advisory boards; and in New Jersey and Connecticut, where, out of 28 epileptics each, none had been sent to the medical advisory board for advice.

Indeed, reference to medical advisory boards of epileptics suggests a lack of familiarity on the part of the local board physicians with the disease, since they were authorized to reject without reference provided they were satisfied of the presence of the disease. The fact that local boards referred no cases in Connecticut, New Jersey, Iowa, and very few cases in Massachusetts, Pennsylvania, California, indicates the greater experience of the physicians of the local board with the diseases than in the case of those States that referred a large proportion to the medical advisory boards. On the other hand, it must be said that in just these States a large number of cases of epilepsy altogether escaped the observation of the local boards (Table VII).

3. *Dementia praecox*.—The first Physical Examination Standard published after the organization of the medical advisory boards directed local boards to reject cases of insanity, and defined insanity to include:

All registrants who are committed or who have been committed to a licensed institution for insane, or licensed private institution, who bring proof from verified records of institution or State boards.

Examiners at camps were, however, under no such limitations, and tried to make the determination of insanity from the behavior of the registrant at examination. They rejected a total of 338 registrants as cases of dementia praecox.

As was, perhaps, to be anticipated, very few of the cases of dementia praecox detected at camps had been referred for observation by their local boards to the medical advisory boards (15 altogether, Table 5).

TABLE 5.—*Dementia praecox.*

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined at medical advisory board.	Per cent rejected at mobilization camp for dementia praecox that had been referred to medical advisory board.
Delaware.....			1	6.94	100.00
Wisconsin.....	2	0.12	2	1.29	50.00
Missouri.....	3	.13	2	1.16	40.00
Minnesota.....	7	.27	2	1.22	22.22
North Carolina.....	5	.34	1	2.28	16.67
New York.....	16	.19	3	.48	15.79
Oklahoma.....	6	.32	1	1.03	14.29
Texas.....	7	.20	1	1.12	12.50
Pennsylvania.....	13	.17	1	.32	7.14
Georgia.....	15	.76			
South Carolina.....	7	.71			
Alabama.....	10	.64			
Arkansas.....	6	.61			
Mississippi.....	5	.59			
Iowa.....	11	.57			
Arizona.....	2	.54			
New Hampshire.....	1	.48			
Massachusetts.....	12	.42			
Michigan.....	14	.35			
Louisiana.....	4	.32			
Connecticut.....	4	.31			
Nebraska.....	3	.29			
Idaho.....	1	.26			
Washington.....	3	.24			
Virginia.....	4	.22			
Utah.....	1	.22			
Ohio.....	10	.19			
California.....	6	.17			
West Virginia.....	2	.17			
Florida.....	1	.17			
North Dakota.....	1	.17			
Colorado.....	1	.16			
Illinois.....	10	.15			
Indiana.....	3	.14			
Tennessee.....	2	.14			
Kansas.....	1	.11			
Maryland.....	1	.11			
New Jersey.....	1	.04			
State not specified.....	122	1.22	1	.60	.81
Total.....	323	.34	15	.30	4.44

4. *Conjunctivitis, granular (trachoma).*—During the period under consideration local boards had not been instructed in regard to disposition of cases of trachoma. But in March, 1918, the medical advisory boards were warned with emphasis that registrants with trachoma should be placed only in Group B, the deferred remedial group. Such men would not be sent to camp until cured of the disease.

We find, indeed, that very few of the recruits rejected at camps for trachoma had been sent by their medical advisory boards—only 15 out of the 386 rejected for trachoma (Table 6). The distribution of trachoma as found at the physical examination at the mobilization camps is probably a fair indication of its incidence in the respective States.

5. *Chronic alcoholism*.—The first standards issued after organization of the medical advisory boards required local boards to reject proved chronic alcoholism, and added:

The history or evidence that the registrant has been frequently and grossly intoxicated is not of itself sufficient for a diagnosis of chronic alcoholism and rejection.

TABLE 6.—*Conjunctivitis, granular (trachoma)*.

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined at medical advisory board.	Per cent rejected at mobilization camp for conjunctivitis, granular that had been referred to medical advisory board.
Louisiana.....			1	2.60	100.00
New Mexico.....	3	1.09	1	10.99	25.00
Illinois.....	57	.86	7	1.54	10.94
New York.....	20	.24	2	.32	9.09
California.....	11	.32	1	1.00	8.33
Indiana.....	32	1.45	1	.77	2.03
Kentucky.....	76	4.98	2	3.23	2.56
North Carolina.....	16	1.09			
Missouri.....	23	.98			
Nevada.....	1	.72			
Oklahoma.....	12	.63			
South Carolina.....	6	.61			
Rhode Island.....	2	.55			
Arizona.....	2	.54			
Idaho.....	2	.51			
North Dakota.....	3	.50			
Texas.....	16	.46			
Florida.....	2	.34			
Kansas.....	3	.32			
Montana.....	3	.27			
Washington.....	3	.24			
Utah.....	1	.22			
Tennessee.....	3	.22			
Arkansas.....	2	.20			
West Virginia.....	2	.17			
Michigan.....	6	.15			
New Jersey.....	3	.11			
Ohio.....	4	.09			
Massachusetts.....	2	.07			
Wisconsin.....	1	.06			
Alabama.....	1	.06			
Iowa.....	1	.05			
State not specified.....	52	.52			
Total.....	371	.39	15	.30	3.89

Registrants about whom there was doubt were to be referred to the medical advisory board.

Out of 70 cases of chronic alcoholism rejected at mobilization camps only 7 had been seen by the medical advisory boards, as indicated in Table 7. This suggests that local boards were so familiar with the symptoms of chronic alcoholism that they did not ordinarily have to refer such cases to the medical advisory board. Indeed, very few of these cases came to the camps.

6. *Exophthalmic goiter*.—From the period of organization of the medical advisory boards, local boards were instructed to reject

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registrants with "fully developed exophthalmic goiter, when there is present thyroid enlargement, pulse above 120 and exophthalmos." Doubtful cases were to be referred to the medical advisory board.

TABLE 7.—*Alcoholism, chronic.*

State.	Rejected men seen by local board only.	Per 1,000 of men aminated.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined by medical advisory board.	Per cent rejected at mobilization camp for chronic alcoholism that had been referred to medical advisory board.
Mississippi.....			1	2.75	100.00
Maine.....	1	0.32	1	4.05	50.00
New York.....	4	.05	2	.32	33.33
Ohio.....	2	.04	1	.39	33.33
Illinois.....	5	.08	2	.44	28.57
Massachusetts.....	18	.63			
Delaware.....	1	.57			
Rhode Island.....	2	.55			
Vermont.....	1	.54			
Connecticut.....	5	.39			
District of Columbia.....	1	.23			
New Jersey.....	3	.11			
Missouri.....	2	.09			
Michigan.....	3	.08			
North Carolina.....	1	.07			
Indiana.....	1	.05			
Texas.....	1	.03			
Pennsylvania.....	1	.01			
State not specified.....	11	.11			
Total.....	63	.07	7	.14	10.00

There were discovered at and rejected from camps 409 cases of exophthalmic goiter. Of these, 37 had been seen by the medical advisory boards and, for the most part, accepted by them as qualified for general military service. The number of cases so referred in any State was never large. Of the registrants found with exophthalmic goiter from the State of Illinois 20 per cent had been referred to medical advisory boards, and from Michigan 17 per cent. In the majority of States, however, there had been no reference to the medical advisory board of registrants in whom exophthalmic goiter was eventually found in camps. Thus, from the State of Washington there came to Camp Lewis 23 men who were rejected for exophthalmic goiter so fully developed that they were unqualified for any military service (Table 8). Yet in no case had these rejected men been referred to the medical advisory board for advice. The local boards had apparently altogether overlooked the presence of thyroid enlargement. A somewhat similar condition is shown by North Carolina and California. On the other hand, the examiners in the States of Illinois and Michigan had apparently made considerable use of the medical advisory boards to assist them in their diagnosis of exophthalmic goiter, and the cases rejected at camps who had come from these States were the residuum of the cases which had passed local and

medical advisory boards, but which, nevertheless, were regarded by the examiners at camps as unfit for any military service.

TABLE 8.—*Exophthalmic goiter.*

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined at medical advisory board.	Per cent rejected at mobilization camp for exophthalmic goiter that had been referred to medical advisory board.
Delaware.....			1	6.94	100.00
Tennessee.....	1	0.07	2	2.30	66.66
Colorado.....	3	.48	2	4.35	40.00
Montana.....	6	.54	3	4.82	33.33
Indiana.....	7	.32	2	1.53	22.22
Illinois.....	19	.29	5	1.10	20.83
Idaho.....	4	1.03	1	5.68	20.00
Michigan.....	34	.86	7	2.52	17.07
Missouri.....	10	.43	2	1.16	16.66
Georgia.....	5	.25	1	.78	16.66
Wisconsin.....	12	.70	2	1.29	14.29
Kansas.....	8	.87	1	1.37	11.11
Ohio.....	22	.43	3	1.18	12.00
Iowa.....	10	.52	1	.74	9.09
Pennsylvania.....	11	.15	1	.32	8.33
New York.....	24	.29	2	.32	7.69
Washington.....	23	1.84			
Oregon.....	3	.84			
North Carolina.....	12	.81			
Arizona.....	3	.81			
Nevada.....	1	.72			
Utah.....	3	.67			
North Dakota.....	4	.66			
Wyoming.....	1	.57			
South Dakota.....	2	.53			
California.....	14	.40			
Kentucky.....	6	.39			
New Mexico.....	1	.36			
South Carolina.....	3	.30			
Nebraska.....	3	.29			
New Jersey.....	7	.25			
West Virginia.....	3	.25			
Mississippi.....	2	.24			
Minnesota.....	5	.19			
Florida.....	1	.17			
Louisiana.....	2	.16			
Connecticut.....	1	.08			
Massachusetts.....	2	.07			
Texas.....	2	.06			
Virginia.....	1	.06			
State not specified.....	91	.91	1	.60	1.09
Total.....	372	.40	37	.75	9.05

7. *Mental deficiency.*—After the establishment of medical advisory boards, local boards were instructed to reject all idiots and imbeciles. An idiot was defined as:

A registrant so deeply defective in mind from birth or from early age that he is unable to guard himself against common physical danger.

An imbecile was defined as:

A registrant so deeply defective in mind from birth or from early age as to be incapable of earning a livelihood, but able to guard himself against common physical danger.

Despite these provisions mobilization camps received 2,333 recruits so mentally defective as to warrant rejection. There were, moreover, 98 cases of mental deficiency of less degree which were accepted. Of

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the cases rejected at mobilization camps relatively few had been seen by the medical advisory boards. The largest proportion of cases referred to medical advisory boards came from the States of Kansas, Missouri, and Ohio.<sup>1</sup> As reference of such cases by local boards to medical advisory boards was not prescribed, this large proportion does not indicate either a greater or less degree of conscientiousness on the part of the local board examiners. It does, however, suggest that the custom of referring registrants to medical advisory boards was better established in these States than some others, like New Mexico, Idaho, Montana, California, Washington, and Oregon, in which there was no reference of any cases of mental deficiency (Table 9).

TABLE 9.—*Mental deficiency.*

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined at medical advisory board.	Per cent rejected at mobilization camp for mental deficiency that had been referred to medical advisory board.
Vermont.....	1	0.54	1	4.15	50.00
Kansas.....	12	1.30	5	6.85	29.41
Missouri.....	65	2.77	16	9.25	19.75
West Virginia.....	9	.74	2	3.84	18.18
Ohio.....	50	.97	10	3.94	16.67
South Dakota.....	7	1.86	1	3.88	12.50
Colorado.....	7	1.11	1	2.17	12.50
Georgia.....	21	1.07	3	2.33	12.50
North Dakota.....	16	2.65	2	3.45	11.11
Rhode Island.....	19	5.27	2	5.68	9.52
Illinois.....	58	.88	6	1.32	9.38
Massachusetts.....	53	1.86	5	3.05	8.62
Connecticut.....	34	2.64	3	3.81	8.11
Arkansas.....	36	3.63	3	7.89	7.69
Virginia.....	12	.66	1	1.86	7.69
Wisconsin.....	64	3.75	5	3.24	7.25
Maine.....	13	4.20	1	4.05	7.14
Pennsylvania.....	41	.54	3	.97	6.82
Alabama.....	97	6.21	7	10.26	6.73
Minnesota.....	28	1.08	2	1.22	6.67
New York.....	103	1.24	7	1.13	6.36
Mississippi.....	59	6.97	4	10.99	6.35
Indiana.....	15	.68	1	.77	6.25
Louisiana.....	56	4.53	3	7.81	5.08
Nebraska.....	20	1.92	1	1.88	4.76
Texas.....	21	.60	1	1.12	4.55
Tennessee.....	29	2.10	1	1.15	3.33
Kentucky.....	29	1.90	1	1.62	3.33
Michigan.....	150	3.80	5	1.80	3.23
Oklahoma.....	33	1.75	1	1.03	2.94
New Jersey.....	40	1.41	1	.45	2.44
North Carolina.....	161	10.93	4	9.13	2.42
Iowa.....	82	4.27	1	.74	1.20
South Carolina.....	90	9.12	1	6.21	1.10
Florida.....	35	6.03			
New Hampshire.....	10	4.81			
New Mexico.....	11	4.00			
Idaho.....	7	1.79			
Montana.....	18	1.61			
California.....	52	1.49			
Washington.....	11	.88			
Oregon.....	3	.84			
Delaware.....	1	.57			
Arizona.....	2	.54			
Utah.....	2	.44			
Maryland.....	4	.42			
State not specified.....	533	5.32	2	1.20	.37
Total.....	2,220	2.35	113	2.29	4.84

<sup>1</sup> Excepting States with only a few cases.



8. *Otitis media*.—Physical Examination Standards No. 4, February, 1918, for local boards, prescribed as follows:

Refer to the medical advisory board all registrants with chronic discharge from the middle ear, and all doubtful cases.

All earlier standards required rejection by local boards of registrants with such discharge. Nevertheless, this disease, together with perforated ear drum, was detected in 2,589 recruits at mobilization camps, and of these, 1,832 were rejected for otitis media. From the nature of the disease it is probable that all of these men had discharge from the middle ear at the time of their examination by local boards. In the great majority of cases the condition was merely overlooked, but in 96 cases the recruit had been seen by the medical advisory board and probably accepted by that board as fit for general military service (Table 10).

TABLE 10.—*Otitis media*.

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined by medical advisory board.	Per cent rejected at mobilization camp for otitis media that had been referred to medical advisory board.
Tennessee.....	3	0.22	2	2.30	40.00
New Hampshire.....	2	.96	1	4.83	33.33
Louisiana.....	8	.65	4	10.42	33.33
Kansas.....	9	.97	4	5.48	30.77
Alabama.....	12	.83	5	7.33	29.41
Rhode Island.....	3	.83	1	2.84	25.00
Delaware.....	3	1.70	1	6.94	25.00
West Virginia.....	8	.66	2	3.84	20.00
Oregon.....	4	1.12	1	3.11	20.00
Mississippi.....	22	2.60	5	13.74	18.52
Georgia.....	9	.46	2	1.55	18.18
Maryland.....	5	.53	1	2.50	16.67
Connecticut.....	25	1.94	5	6.35	16.67
Arkansas.....	5	.50	1	2.63	16.67
Nebraska.....	12	1.15	2	3.76	14.28
Ohio.....	60	1.17	9	3.55	13.04
Colorado.....	7	1.11	1	2.17	12.50
Indiana.....	23	1.04	3	2.30	11.54
Kentucky.....	25	1.64	3	4.85	10.71
Missouri.....	35	1.49	3	1.73	7.89
Washington.....	27	2.16	2	1.92	6.90
Montana.....	28	2.51	2	3.22	6.67
Oklahoma.....	28	1.48	2	2.07	6.67
Michigan.....	118	2.99	8	2.88	6.35
Illinois.....	125	1.90	7	1.54	5.30
Pennsylvania.....	38	.50	2	.65	5.00
Wisconsin.....	21	1.23	1	.65	4.55
Massachusetts.....	47	1.65	2	1.22	4.08
New York.....	315	3.79	10	1.62	3.06
New Jersey.....	77	2.72	2	.91	2.53
California.....	132	3.79	2	2.00	1.49
Utah.....	18	4.01			
Nevada.....	5	3.58			
Florida.....	15	2.58			
Idaho.....	9	2.31			
Maine.....	7	2.26			
Arizona.....	8	2.15			
Wyoming.....	3	1.71			
Iowa.....	26	1.35			
North Dakota.....	8	1.32			
North Carolina.....	17	1.15			
Minnesota.....	28	1.08			
New Mexico.....	2	.73			
Texas.....	25	.72			
Vermont.....	1	.54			
South Dakota.....	2	.53			
South Carolina.....	5	.51			
Virginia.....	2	.11			
State not specified.....	319	3.18			
Total.....	1,736	1.84	96	1.94	5.24



Since local boards were, during only the last two-fifths of the period of examination of recruits covered by this paper, required to refer to the medical advisory board all registrants with chronic discharge from the middle ear, and all doubtful cases, for the shorter period an average of more than 5.2 per cent of those found with otitis media at camp had been so referred. Of course, a still additional number was referred to the medical advisory board and rejected by it. Our statistics state only that of men rejected at camps for otitis media 5.2 per cent had on the average been referred to medical advisory boards. In some States the proportion of such men who had been referred to medical advisory boards was much larger, 30 per cent or more; in other cases it was much less, down to none at all. This variation in the percentage of rejects who had been previously examined by medical advisory boards may be due either to a variation in the effectiveness of the medical advisory boards or to a variation in the conscientiousness of the local boards, such that in some States a large proportion of registrants were sent to medical advisory boards and in others a small proportion or none at all. If the States in which were found the largest percentage of cases that had been referred to medical advisory boards were those in which the greatest number of registrants were affected with otitis media, then the sequence of States in Table 10 should run parallel with the sequence of States in Table 35. As a matter of fact there is no correspondence in the sequence. Thus, the five States that stand at the head of the list in Table 10 occupy a mediocre position in Table 35. It seems probable, therefore, that the variation in percentage of recruits with otitis media that had been seen by medical advisory boards depends rather upon the carefulness and thoroughness of the examiners at the local boards and the conscientiousness with which they referred cases of otitis media to medical advisory boards. Perhaps the facility with which medical advisory boards could be reached played a part in determining this proportion. Thus, the large ratios of cases referred to the medical advisory boards are found in the smaller and better organized States, like Rhode Island, Delaware, Alabama, Maryland, Connecticut, and those in which the proportion referred was small or zero include many of the larger, less densely populated States, like South Dakota, Texas, New Mexico, Minnesota, North Dakota, Arizona, Idaho, and Nevada.

9. *Underweight*.—Physical Examination Standards No. 4, February, 1918, prescribed that:

All registrants underweight in proportion to their height, unless it is plainly due to some temporary cause, are referred to the medical advisory board.

Local boards were, however, authorized to accept registrants in whom the underweight can reasonably be explained and who are otherwise physically fit.

In mobilization camps during the period under consideration 2,586 recruits were observed to be underweight, and of these 1,660 were rejected for general military service. In view of the strong prescription that registrants underweight should be referred to the medical advisory board (with certain exceptions), it is rather surprising that only 173 registrants were so referred (Table 11).

TABLE 11.—*Underweight.*

State.	Rejected men seen by local board only.	Per 1,000 of men examined.	Rejected men seen by medical advisory board also.	Per 1,000 of men examined by medical advisory board.	Per cent rejected at mobilization camp for underweight that had been referred to medical advisory board.
Ohio.....	29	0.57	20	7.88	40.82
Missouri.....	3	.13	2	1.16	40.00
Oklahoma.....	4	.21	2	2.07	33.33
Georgia.....	186	9.47	76	58.91	29.01
Tennessee.....	34	2.46	11	12.64	24.44
Alabama.....	53	3.40	17	24.93	24.29
Florida.....	4	.69	1	5.65	20.00
New Hampshire.....	4	1.92	1	4.83	20.00
Illinois.....	49	.74	12	2.64	19.67
Pennsylvania.....	13	.17	3	.97	18.75
Rhode Island.....	9	2.50	2	5.68	18.18
Indiana.....	6	.27	1	.77	14.29
Louisiana.....	30	2.43	4	2.60	11.76
New Jersey.....	33	1.16	3	1.36	8.33
Arkansas.....	14	1.41	1	2.63	6.67
Connecticut.....	14	1.09	1	1.27	6.67
Texas.....	20	.57	1	1.12	4.76
New York.....	121	1.46	5	.81	3.97
Michigan.....	26	.66	1	.36	3.70
Massachusetts.....	31	1.09	1	.61	3.12
Washington.....	69	5.53	1	.96	1.43
California.....	372	10.68	3	3.01	.80
Nevada.....	11	7.89			
Idaho.....	20	5.13			
Montana.....	54	4.84			
Utah.....	20	4.45			
Oregon.....	12	3.35			
Wyoming.....	3	1.71			
Delaware.....	3	1.70			
Vermont.....	3	1.63			
Maine.....	1	1.29			
District of Columbia.....	5	1.15			
Mississippi.....	9	1.06			
Kentucky.....	14	.92			
New Mexico.....	2	.73			
Wisconsin.....	12	.70			
North Carolina.....	7	.48			
Nebraska.....	3	.29			
Arizona.....	1	.27			
Iowa.....	5	.26			
South Carolina.....	2	.20			
Minnesota.....	5	.19			
North Dakota.....	1	.17			
Colorado.....	1	.16			
Maryland.....	1	.11			
West Virginia.....	1	.08			
State not specified.....	167	1.67	4	2.41	2.34
Total.....	1,487	1.57	173	3.50	10.42

Since we find little relation between the number of underweight registrants discovered at camp who had been seen also by medical advisory boards and the total number of cases of underweight found at mobilization camps, it seems probable that the difference in the proportion of such men in the different States varies with the care exercised at local boards. In this respect, then, Ohio, Georgia, Tennessee, and Alabama lie near the head of the list. Other States, especially in the West, like the Dakotas, Minnesota, Arizona, Texas, probably found it difficult to refer doubtful registrants on account of inaccessibility of medical advisory boards.

10. *Overweight*.—Local boards were instructed (February, 1918):

Registrants with overweight are to be accepted unless the obesity interferes with normal physical activity. Refer all doubtful cases to the medical advisory board.

Ninety-one cases of overweight were rejected at mobilization camps (Table 12). Of these, 17 had been seen and accepted by medical advisory boards. The small numbers from the different States make the variation in the percentage of such men seen by the medical advisory boards to be without significance.

TABLE 12.—*Overweight*.

State.	Rejected men seen by local board only.	Per 1,000 of men ex- amined.	Rejected men seen by medical advisory board also.	Per 1,000 of men ex- amined by medical advisory board.	Per cent rejected at mobiliza- tion camp for over- weight that had been referred to medical advisory board.
Alabama..			1	1.47	100.00
New Jersey..			1	.45	100.00
Vermont ..			1	4.15	100.00
Virginia..			1	1.86	100.00
Illinois..	1	0.02	2	.44	66.67
Kentucky..	1	.07	1	1.62	50.00
Rhode Island..	1	.28	1	2.84	50.00
Tennessee..	2	.14	1	1.15	33.33
Massachusetts..	3	.11	1	.61	25.00
New York..	8	.10	2	.32	20.00
Georgia..	17	.87	4	3.10	19.05
Maine..	3	.97			
Idaho..	1	.28			
North Dakota..	1	.17			
Connecticut..	2	.16			
Michigan..	6	.15			
North Carolina..	2	.14			
Texas..	5	.14			
Ohio..	6	.12			
California..	4	.11			
South Carolina..	1	.10			
West Virginia..	1	.08			
Indiana..	1	.05			
Minnesota..	1	.04			
Missouri..	1	.04			
Pennsylvania..	1	.01			
State not specified..	5	.05	1	.60	16.67
Total..	74	.08	17	.34	18.68

TABLE 13.—*In approximately first million men examined at mobilization camps, number seen by local boards only, and number seen by advisory boards, also, in period from June, 1917, to May, 1918.*

State.	Number of men seen by local boards only.	Number sent to medical advisory boards.	Total.
Alabama.....	15,609	682	16,291
Arizona.....	3,718	176	3,894
Arkansas.....	9,907	390	10,297
California.....	34,841	998	35,839
Colorado.....	6,314	469	6,774
Connecticut.....	12,866	787	13,653
Delaware.....	1,765	144	1,909
District of Columbia.....	4,348	156	4,504
Florida.....	5,805	177	5,982
Georgia.....	19,646	1,290	20,936
Idaho.....	3,902	176	4,078
Illinois.....	65,918	4,541	70,459
Indiana.....	22,138	1,306	23,444
Iowa.....	19,224	1,360	20,584
Kansas.....	9,240	730	9,970
Kentucky.....	15,256	619	15,875
Louisiana.....	12,368	384	12,752
Maine.....	3,097	247	3,344
Maryland.....	9,511	386	9,897
Massachusetts.....	28,540	1,641	30,181
Michigan.....	39,437	2,775	42,212
Minnesota.....	25,916	1,644	27,560
Mississippi.....	8,463	364	8,827
Missouri.....	23,442	1,730	25,172
Montana.....	11,158	622	11,780
Nebraska.....	10,398	532	10,930
Nevada.....	1,395	48	1,443
New Hampshire.....	2,081	207	2,288
New Jersey.....	28,324	2,207	30,531
New Mexico.....	2,747	91	2,838
New York.....	83,154	6,185	89,339
North Carolina.....	14,732	438	15,170
North Dakota.....	6,042	579	6,621
Ohio.....	51,279	2,588	53,817
Oklahoma.....	18,897	967	19,864
Oregon.....	3,578	322	3,900
Pennsylvania.....	75,628	3,078	78,706
Rhode Island.....	3,606	352	3,958
South Carolina.....	9,864	161	10,025
South Dakota.....	3,755	258	4,013
Tennessee.....	13,821	870	14,691
Texas.....	34,957	895	35,852
Utah.....	4,494	158	4,652
Vermont.....	1,838	241	2,079
Virginia.....	18,061	539	18,600
Washington.....	12,479	1,044	13,523
West Virginia.....	12,092	521	12,613
Wisconsin.....	17,065	1,545	18,610
Wyoming.....	1,759	173	1,932
States not specified.....	100,240	1,661	101,901
Total.....	944,715	49,385	<sup>1</sup> 994,100

<sup>1</sup> Not including Alaska.

## VII. THE NUMBER AND CLASSIFICATION OF MEN EXAMINED AT CAMPS.

The selective-service act of May 17, 1917, soon led to the organization of local boards throughout the United States, and the work of physical examinations began at the end of July, 1917.

It has already been shown how standards for the physical examinations varied from time to time during the period under consideration. It is worth while, then, to examine the variation from month to month in the ideals of the medical examiners at local boards, as shown by

the variations in the disposition of men received from the local boards as qualified and examined at the mobilization camps.

The results of these examinations are shown in tabular form in Tables VII to XIV.

From these tables it appears that the number of men accepted at the local boards as qualified without defects and examined at the camps varied in the different months as follows:

June–August, 1917.....	380, 026
September, 1917.....	42, 642
October, 1917.....	21, 779
November, 1917.....	11, 591
December, 1917.....	21, 455
January, 1918.....	47, 488
February, 1918.....	148, 193
March, 1918.....	49, 121
April, May, 1918.....	20, 236
Total from June, 1917, to May, 1918.....	742, 531

TABLE 14.—*Classification of part of the first million recruits at mobilization camps.*  
[Excluding men accepted with remediable defects and those for whom there is no record of the classification at camp.]

Months.	Total.	No. 1. <sup>1</sup>	Ra- tios.	No. 2. <sup>2</sup>	Ra- tios.	No. 3. <sup>3</sup>	Ra- tios.	No. 4. <sup>4</sup>	Ra- tios.	Oth- ers, No. 5.	Ra- tios.
June–August, 1917	430, 019	298, 430	693. 99	102, 568	238. 52	157	0. 37	23, 279	54. 13	5, 585	12. 99
September, 1917..	49, 173	32, 648	663. 94	13, 061	265. 61	13	. 26	2, 562	52. 10	889	18. 08
October, 1917.....	26, 703	15, 405	576. 90	9, 282	346. 85	16	. 60	1, 460	54. 68	560	20. 97
November, 1917..	16, 204	7, 311	451. 18	8, 143	502. 53	3	. 19	437	26. 97	310	19. 13
December, 1917...	31, 513	16, 709	530. 22	14, 250	452. 19	16	. 51	324	10. 28	214	6. 79
January, 1918.....	61, 382	38, 293	623. 85	20, 137	328. 06	310	5. 05	1, 981	32. 28	661	10. 77
February, 1918....	198, 157	121, 574	613. 52	66, 378	334. 97	916	4. 62	7, 231	36. 49	2, 058	10. 38
March, 1918.....	66, 014	38, 070	576. 70	24, 369	360. 14	423	6. 41	2, 338	35. 42	814	12. 33
April–May, 1918..	28, 981	14, 804	510. 82	12, 852	443. 46	144	4. 97	844	29. 12	337	11. 63
December, 1917– May, 1918.....	908, 146	583, 244	642. 24	271, 020	298. 44	1, 998	2. 20	40, 456	44. 55	11, 428	12. 58

1 Accepted as qualified without defect.

2 Accepted as qualified with one or more defects.

3 Accepted for limited service.

4 Rejected.

Table 14 gives the variation in the disposition of the total number of men examined at mobilization camps in the successive months. Qualification with one or more defects was admitted from the beginning. During the period June–August, 1917, only 23.85 per cent were so classified. In September the ratio rises to 26.56 and continues to rise to November, when it reaches 50.5 per cent of all men examined. This was the month when fewest men were inducted without any defect being found. This month represents either the period of most liberal ideals of the local boards, or else that of most critical examination at the mobilization camps, or else a change of classification of ideals at camps, or two or more of these together. Certain it is that in December, 1917, and January, 1918, fewer defects, again, were found at camps. Were the local boards, from that time assisted by medical advisory boards, now selecting more critically or

the camps (possibly due to some of the most experienced examiners going overseas) examining less critically? Or were both explanations true?

How far this fluctuation was accompanied by or due to a change in the proportion of men rejected appears by inspection of the table. Thus, in June–August, 1917, the percentage of men rejected (as shown in Table 14) was 5.4. This rose to 5.47 per cent by October and fell abruptly to 1.03 in December, rose again to 3.65 in February, and then declined to 2.91 in April–May. We see, then, that December was characterized by nearly the greatest proportion of men accepted despite defects and the smallest number rejected. This month marks the acme of our purpose of securing an army even at the expense of making use of more or less defective men. We gradually worked up to this acme from the preceding summer and, in consequence of an experience which indicated the futility of trying to increase the Army in this way, the proportion of men accepted with defects diminished for a time while the number of men rejected increased proportionately.

Table 14, like Tables VII–XIV, gives the disposition of all of the men, with the indicated exceptions, examined at mobilization camps throughout the country from June, 1917, to May, 1918, including 908,146 men. Of these men there were: 583,244 accepted as qualified without defect, or 64.22 per cent; 271,020 accepted as qualified with defects, or 29.84 per cent; 1,998 accepted for limited service, or 0.22 per cent; 40,456 rejected, or 4.46 per cent.

The preceding statement shows that 65 per cent, or about two-thirds, of the recruits who had been already examined by local boards and accepted by them as meeting the standards of physical requirements were found to be without noteworthy defect by the medical examiners at mobilization camps. On the other hand, approximately 4.5 per cent were rejected for any military service. The remaining 30 per cent were accepted at mobilization camps, for the most part, for general military service despite the presence of certain defects which in the eyes of the examiner did not disqualify them for that service. Only 0.24 of 1 per cent were during the period under consideration at the camps accepted for limited service or for remediable treatment.

The small number of acceptances with defects, either remediable or for limited service, is due to the fact that it was not until the last month or two of the period under consideration that the regulations called for making this classification. The men who, during the latter part of this period, were accepted in these two classes were, in the earlier part of the period, either rejected or more probably simply accepted as qualified, despite certain minor defects. For the moment



we may consequently exclude these two classes and attend especially to the three groups of accepted without defects, accepted as qualified despite defects, and rejected. Of these three classes there were altogether 991,590.

TABLE 15.—*Percentage of men from each State rejected at mobilization camps.*

	Per cent.		Per cent.
Maine.....	9.66	New Jersey.....	4.63
California.....	9.31	New Mexico.....	4.44
Connecticut.....	8.93	Missouri.....	4.30
Florida.....	8.93	Arizona.....	4.06
South Carolina.....	8.85	Iowa.....	4.05
North Carolina.....	8.83	Kansas.....	3.89
Rhode Island.....	8.84	Oregon.....	3.85
New Hampshire.....	8.70	Indiana.....	3.57
Massachusetts.....	8.42	Ohio.....	3.54
Vermont.....	8.23	Illinois.....	3.43
Michigan.....	8.08	Oklahoma.....	3.40
Mississippi.....	7.85	Colorado.....	3.31
Nevada.....	7.83	Nebraska.....	3.14
Utah.....	7.59	North Dakota.....	3.11
Montana.....	7.53	Texas.....	2.98
Arkansas.....	7.22	Tennessee.....	2.84
Washington.....	6.95	Minnesota.....	2.75
Idaho.....	6.94	South Dakota.....	2.24
Georgia.....	6.65	West Virginia.....	2.06
Louisiana.....	6.60	Virginia.....	2.03
Alabama.....	6.53	Pennsylvania.....	1.70
Wyoming.....	6.11	District of Columbia.....	1.04
Kentucky.....	5.59	Maryland.....	0.73
New York.....	5.29	State not specified.....	9.18
Wisconsin.....	4.97		
Delaware.....	4.92		
		Average percentage.....	5.32

The first striking fact in considering the number of men rejected is the great variation in the ratio in the different States. This ratio is given for each State in Table 15. In this table also the States are arranged in order of the proportion of men rejected from each. The significance of this variation in proportion of rejected men is in doubt because of the number of factors that determine the percentage rejected. Among these factors are:

1. The variations in the ideal of the examining board as to latitude or restriction in the acceptance of defects. Though there were many medical examiners to pass upon each recruit, and these varied in their personal ideals and in care of examining, still the ideals of the chief medical examiner were apt to be impressed upon the entire examining team.

2. Variations in the constitution of the population of the various States leading to a variation in the proportion of particular defects

in them. The States varied in density of population. For example, District of Columbia, Rhode Island, Connecticut, Massachusetts, are densely populated units, while on the other hand Nevada, Montana, Kansas, and the Dakotas are sparsely populated States. Also, while Mississippi contains more than 50 per cent negroes in its population, the Dakotas contain only about 1 per cent and the other States occupy various intermediate positions.

3. Even among the whites there is racial distinction between the different States. Thus, in Arkansas the whites are prevailing of native stock, whereas in the Dakotas and in Rhode Island a small proportion is of native stock.

4. Variations in health conditions in different States. For example, malaria, hookworm, pellagra, are commoner in the Gulf States and those of the South Atlantic than elsewhere, while tuberculosis is characteristic of Arizona and California because of the emigration of tuberculous persons to those States.

Though clean-cut results are not to be anticipated in view of the numerous unknown factors entering into the equation, we can arrive at some interesting conclusions by making use of approximations.

To get some idea of the variations in the ideals of the examining team at different National Army camps all of the entire States tributary to a given camp have been tabulated, the total number of men examined from these States found, also the total number rejected coming from this group of States, and the ratio of the latter to the former obtained. The results are given in Table 17. This table indicates that the variations associated with the different States are due more to the variation of the ideals of the examiners at mobilization camps than to variations in the constitution of the population of the States concerned. The large proportion of men rejected from Rhode Island, Maine, Massachusetts, and Connecticut is not due exclusively to some inherent defect in the people of New England, but is due mainly to the high ideals of the examiners at Camp Devens. Nor does the low percentage of men rejected from Maryland, Pennsylvania, and the District of Columbia indicate simply an exceptional soundness in the population of these sections, but rather mainly the generous ideals of the examiners at Camp Meade during the period under consideration.

It will be instructive to examine month by month the fluctuations in the number of the men found with defects from the New England States and from the States tributary to Camp Meade. Thus, of men from Rhode Island, examined by local boards during June-August 1917, 62 per cent were found at camp without serious defect. Of September recruits, 67 per cent were found without defects, but this proportion thereupon rapidly fell. Of October examinees 57 per cent



were found without defects; of December men less than 20 per cent (but the number examined was very small). Thereafter the proportion remained at about 75 per cent. In the case of men from Massachusetts the proportion found without defect started at 71 per cent, fell to 40 per cent (November to December men), then rose to nearly 67 per cent in March, 1918, after which it fell slightly (fig. 6, p. 68).

TABLE 16.—*Number of men accepted as qualified for general military service by local boards only (and not sent to medical advisory boards) from June, 1917, to May, 1918, inclusive, and number and percentage of same men rejected at mobilization camp.*

State.	Number of men accepted as qualified by local boards.	Number of men rejected at mobilization camps who were accepted as qualified by local boards.	Percentage of men rejected at mobilization camps to number accepted as qualified by local boards.
Maine.....	3,041	208	9.80
Rhode Island.....	3,550	324	9.13
New Hampshire.....	2,056	183	8.90
Connecticut.....	12,582	1,118	8.87
Massachusetts.....	27,275	2,331	8.55
California.....	33,496	2,858	8.53
Michigan.....	38,314	2,962	7.73
Nevada.....	1,359	102	7.51
Montana.....	10,974	797	7.26
Vermont.....	1,805	131	7.26
Mississippi.....	7,941	552	6.95
Utah.....	4,382	308	6.91
Idaho.....	3,841	264	6.87
Washington.....	12,144	831	6.84
Florida.....	5,459	364	6.67
South Carolina.....	8,406	558	6.64
Wyoming.....	1,700	108	6.35
Louisiana.....	11,738	684	5.83
Kentucky.....	15,012	801	5.34
Alabama.....	15,035	793	5.27
Georgia.....	18,135	943	5.20
New York.....	80,809	4,183	5.17
Delaware.....	1,640	82	5.00
New Jersey.....	27,605	1,336	4.84
Arkansas.....	9,241	435	4.71
Wisconsin.....	16,751	777	4.64
Oregon.....	3,532	130	3.69
Indiana.....	21,858	739	3.38
Illinois.....	61,588	1,981	3.22
Missouri.....	22,578	681	3.02
North Dakota.....	5,918	177	2.99
North Carolina.....	13,296	382	2.87
New Mexico.....	2,621	74	2.82
Ohio.....	47,402	1,253	2.64
Kansas.....	8,660	228	2.63
Texas.....	32,307	829	2.57
Arizona.....	3,557	90	2.52
Minnesota.....	25,412	636	2.50
Nebraska.....	10,222	256	2.50
Oklahoma.....	18,057	415	2.30
Colorado.....	6,140	136	2.22
Iowa.....	18,306	390	2.08
West Virginia.....	11,354	223	1.96
Virginia.....	16,254	310	1.91
South Dakota.....	3,636	61	1.68
Tennessee.....	13,264	196	1.48
Pennsylvania.....	70,598	980	1.39
District of Columbia.....	2,440	31	1.27
Maryland.....	8,981	53	.61
Alaska.....	88		
State not specified.....	65,478	3,583	5.47
Total.....	867,877	37,959	4.37
Seen by medical advisory board, also not from local boards.....	126,829		
Grand total.....	994,206		

TABLE 17.—*Approximate estimate of rejection record of the different National Army camps (see Plate XI.)*

Camps.	Tributary States.	Total number examined.	Rejected.	Per cent rejected.
Devens.....	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York in part.	55,503	4,802	8.65
Upton.....	New York in part.....	.....	.....	.....
Dix.....	New Jersey, Delaware, and New York in part.	32,440	1,506	4.64
Meade.....	District of Columbia, Maryland, and part of Pennsylvania.	14,401	119	.82
Lee.....	Virginia, West Virginia, and part of Pennsylvania.	31,210	688	2.04
Sherman.....	Ohio and part of Pennsylvania.....	53,817	1,904	3.53
Custer.....	Michigan and part of Wisconsin.....	42,212	3,410	8.07
Taylor.....	Kentucky, Indiana, and part of Illinois.....	39,319	1,723	4.38
Grant.....	Wisconsin in part, Illinois in part.....	.....	.....	.....
Dodge.....	Iowa, Minnesota, and North Dakota.....	54,765	1,796	3.27
Funston.....	Arizona, Colorado, Kansas, New Mexico, Nebraska, Missouri, and South Dakota.	63,591	2,391	3.75
Lewis.....	California, Idaho, Montana, Oregon, Utah, Washington, Wyoming.	86,634	6,410	7.39
Jackson.....	Florida, North Carolina, and South Carolina..	31,177	2,770	8.88
Gordon.....	Georgia, Tennessee, and part of Alabama.....	35,627	1,812	5.08
Pike.....	Arkansas, Louisiana, Mississippi, and part of Alabama.	31,866	2,278	7.14
Travis.....	Oklahoma and Texas.....	55,716	1,744	3.13

On the other hand, in the case of Maryland (fig. 8) the percentage of men found without defect was at first 63; in September recruits it fell to 58; rose in the next month to 65; in November fell to 64; rose in December to 80, and in the subsequent months fluctuated between 70 and 75 per cent until the end of the period, when it fell to 59.

Comparing the results of the examinations of men from Massachusetts and of men from Maryland, we find that the proportion of men found without defects was somewhat greater in Massachusetts at the beginning, then fell rapidly toward the end of the period under examination when the two rates approached each other.

This indicates that the examiners of the Massachusetts men, who at the beginning were fairly liberal in their interpretation of the standards, rapidly became more strict, and at the end of the year reached a maximum in this respect. Thereafter the standards were interpreted somewhat more liberally. In case of the examiners of men from Maryland the ideals were at first rather strict, became more liberal toward the end of the year, and then gradually became more strict up to the end of the period under consideration.

The variations in ideals of examiners at the different camps which appear so strikingly in the case of Camps Devens and Meade are illustrated graphically for a number of camps in figures 6 to 20.

These charts lend strength to the conclusion that the diversity in the ideals of the chief medical examiner at the different camps frequently completely overshadows defects in the population tributary to the respective camps.

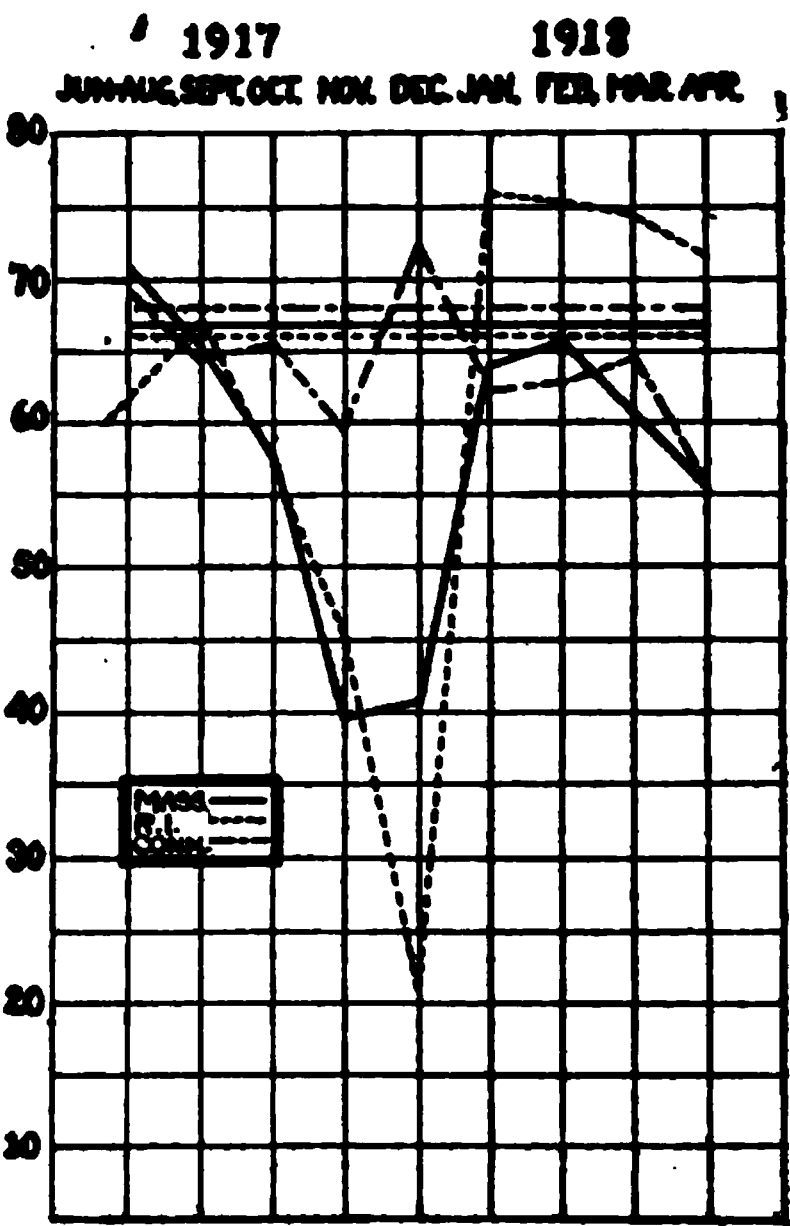
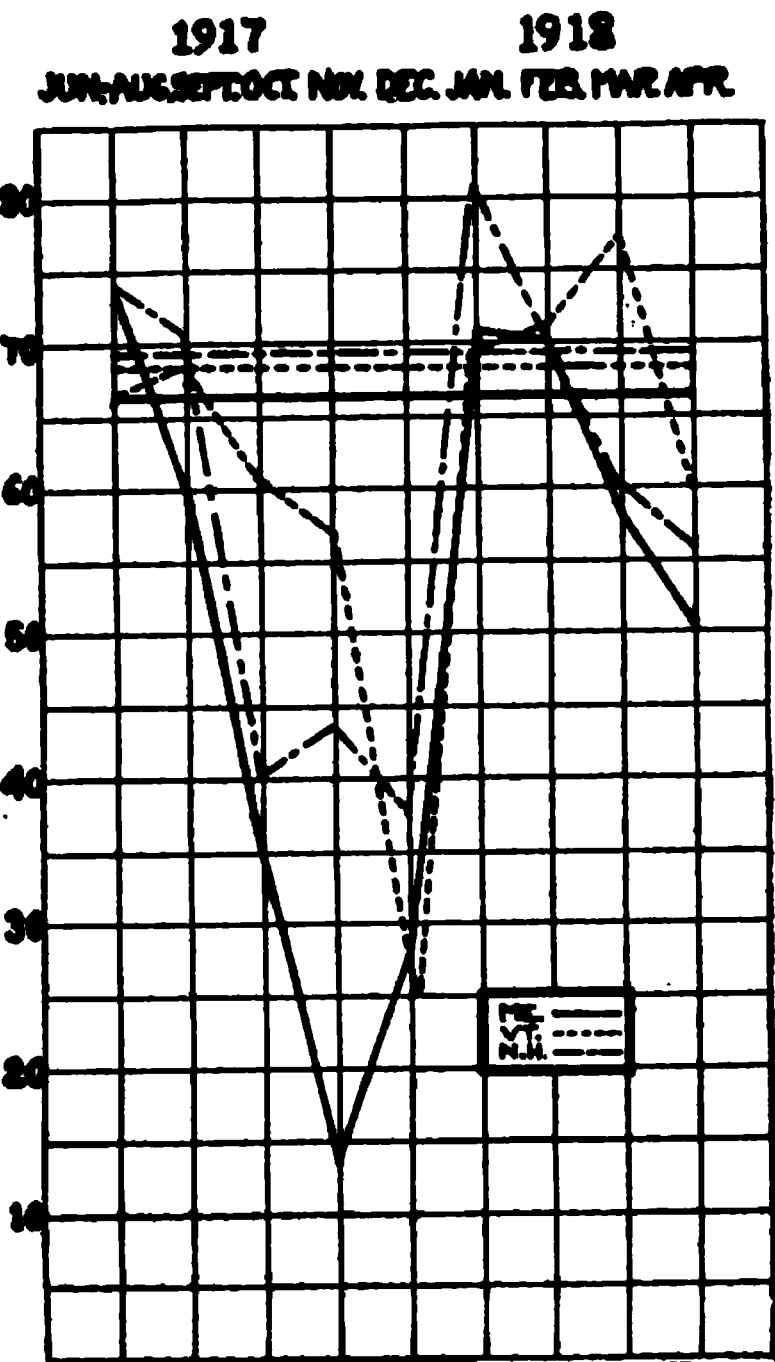


FIG. 6.—Graph showing for each State tributary to Camp Devens the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Devens, by months.

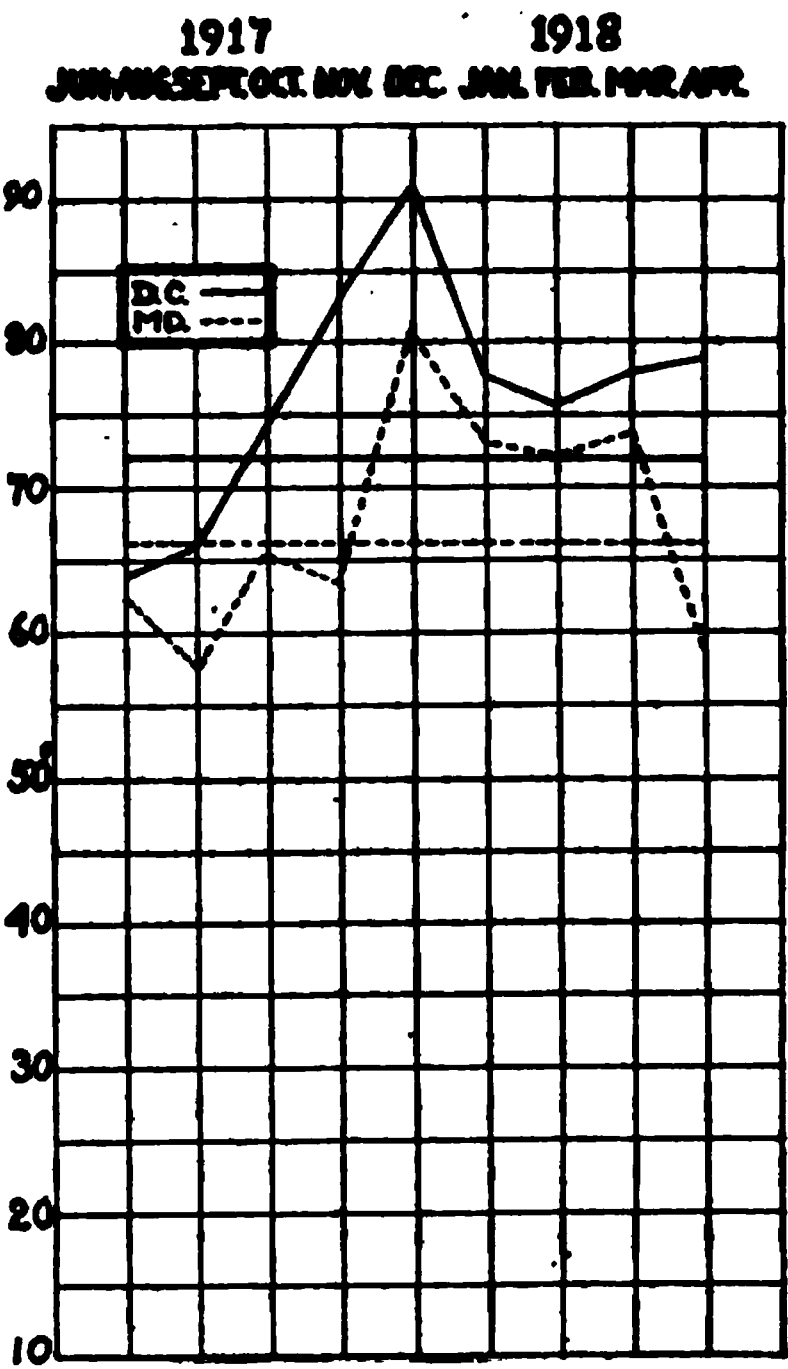
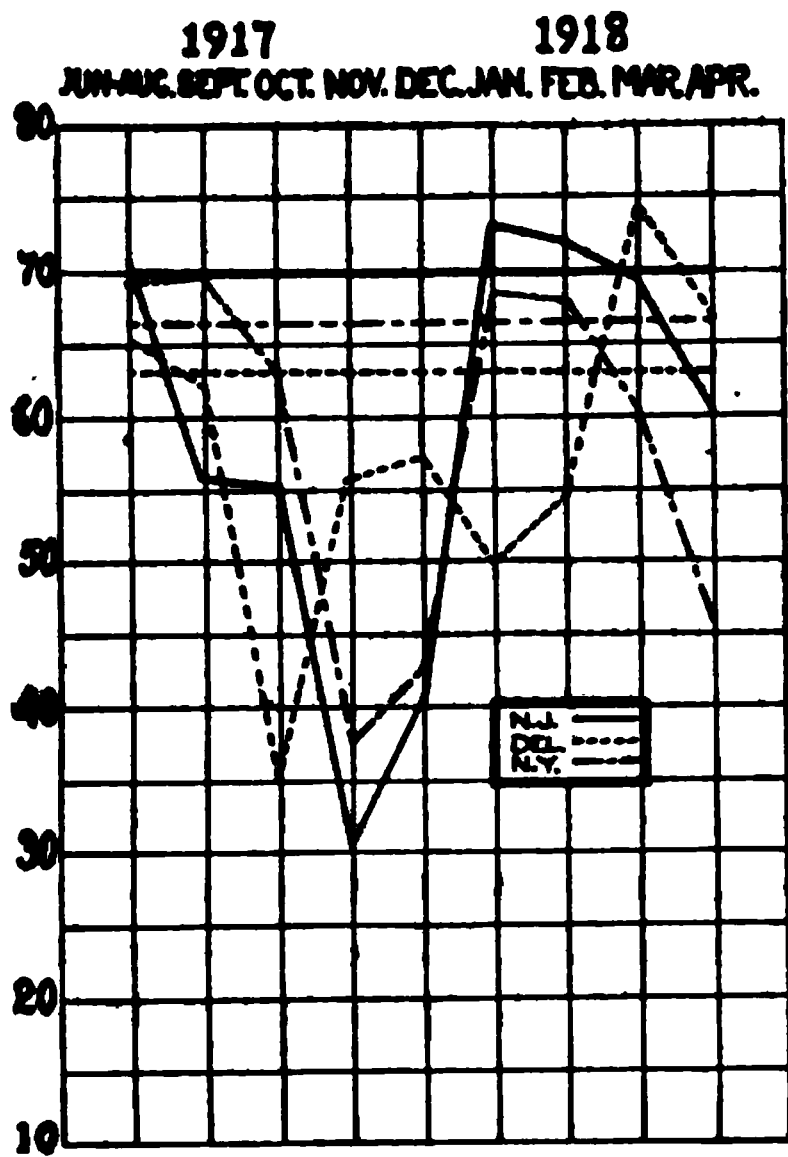


FIG. 7.—Graph showing for each State tributary to Camp Dix the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Dix, by months. (N. B.—Only part of the recruits from New York State were examined at Camp Dix.)

FIG. 8.—Graph showing for each State tributary to Camp Meade the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Meade, by months.

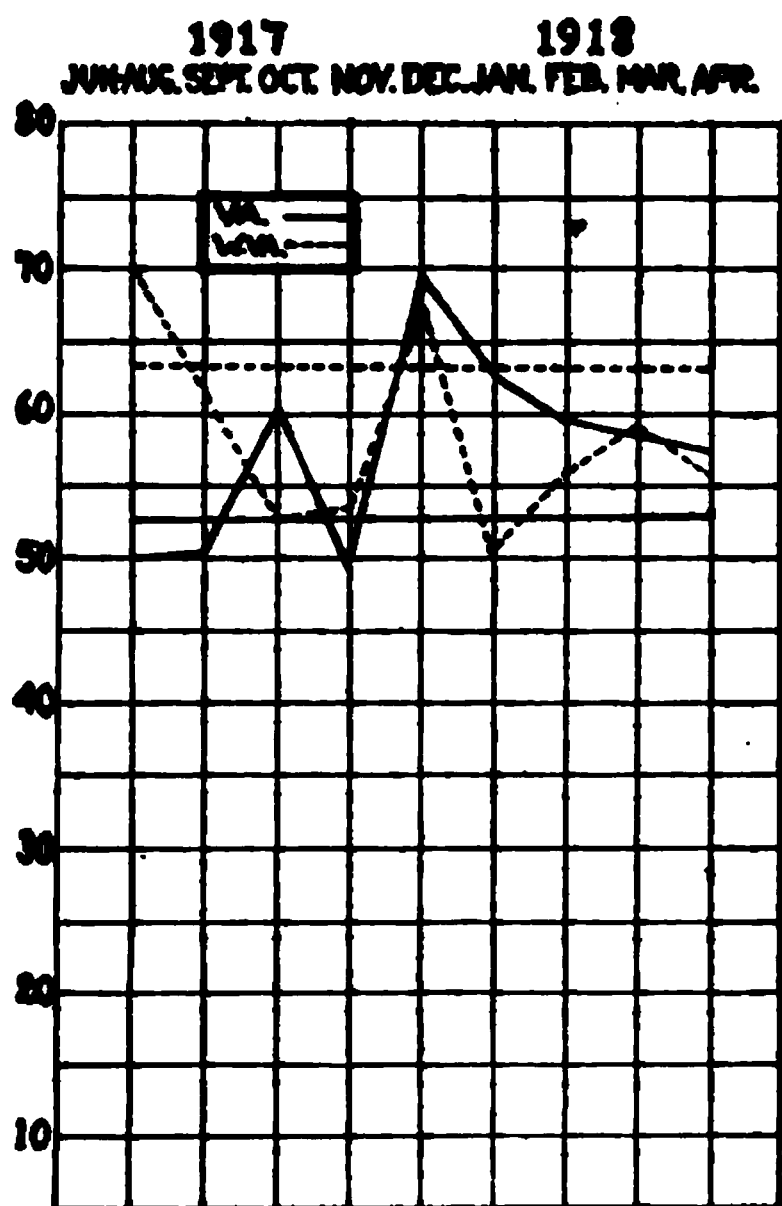


FIG. 9.—Graph showing for each State tributary to Camp Lee the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Lee, by months.

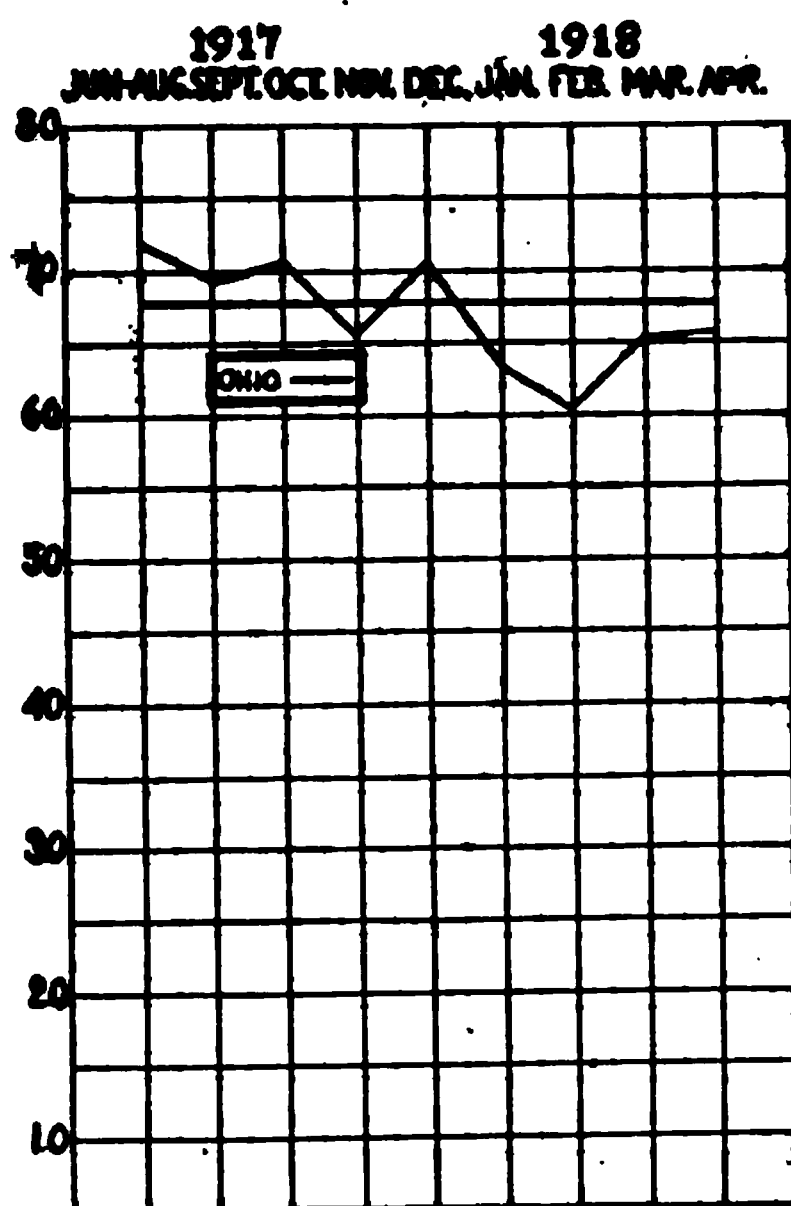


FIG. 10.—Graph showing for each State tributary to Camp Sherman the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Sherman, by months.

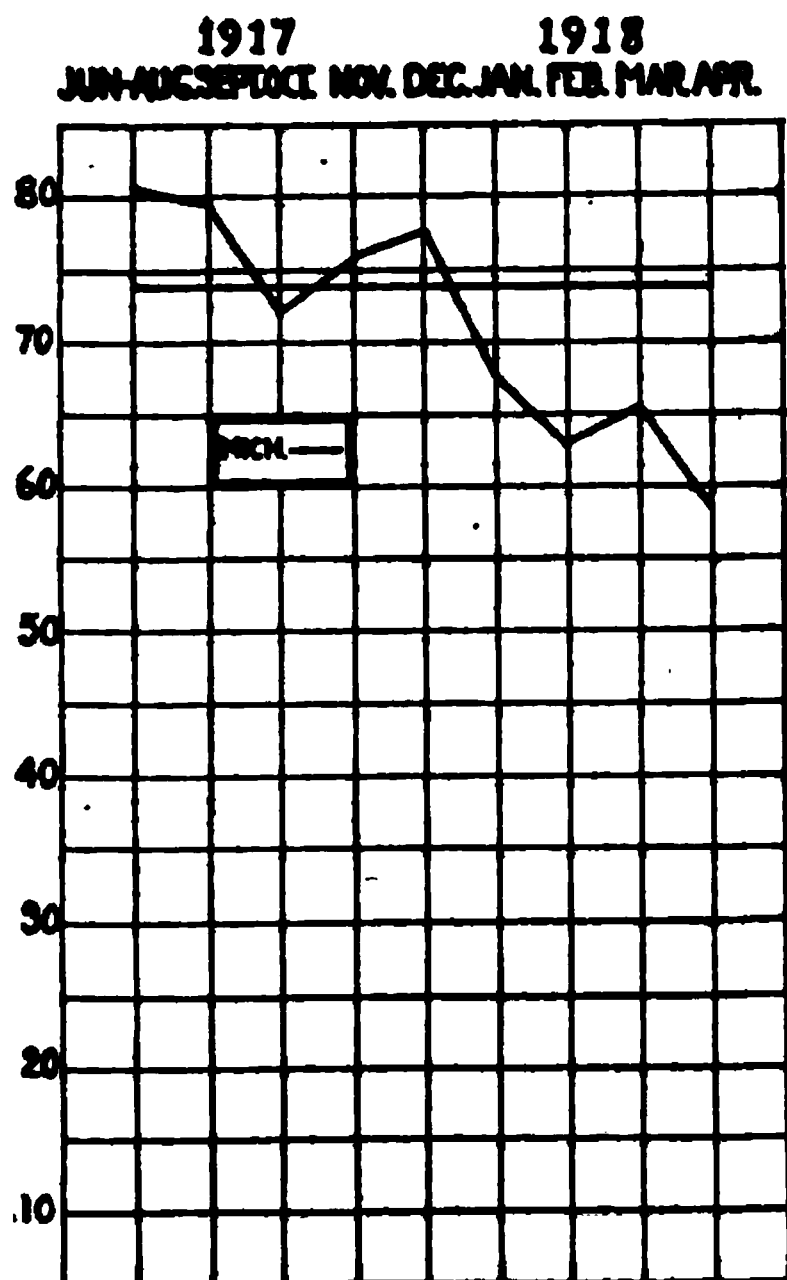


FIG. 11.—Graph showing for each State tributary to Camp Custer the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Custer, by months.

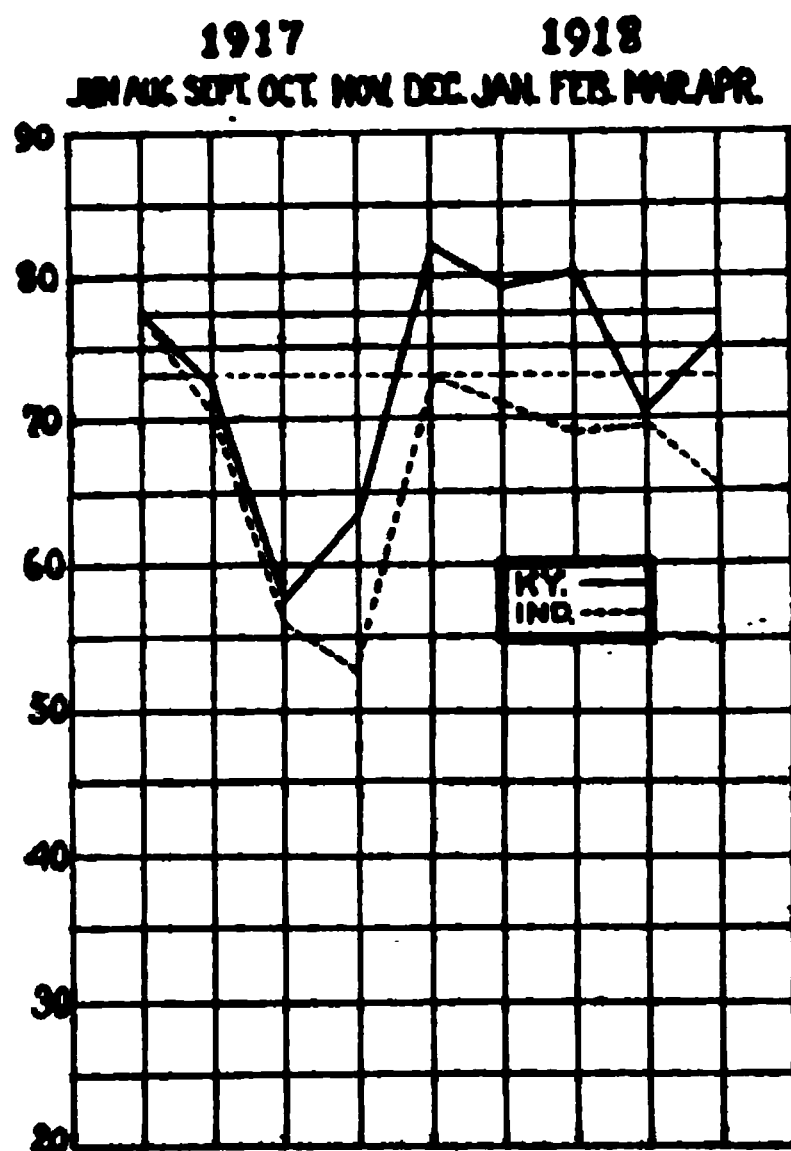


FIG. 12.—Graph showing for each State tributary to Camp Taylor the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Taylor, by months.

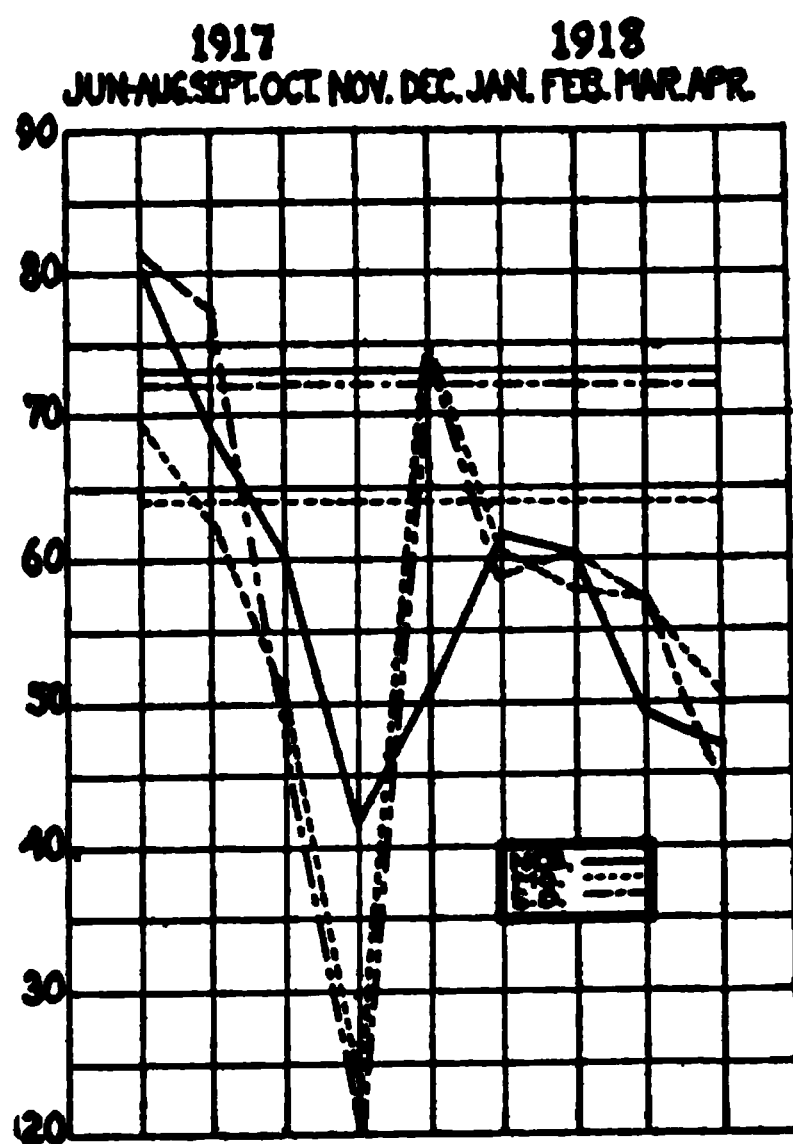
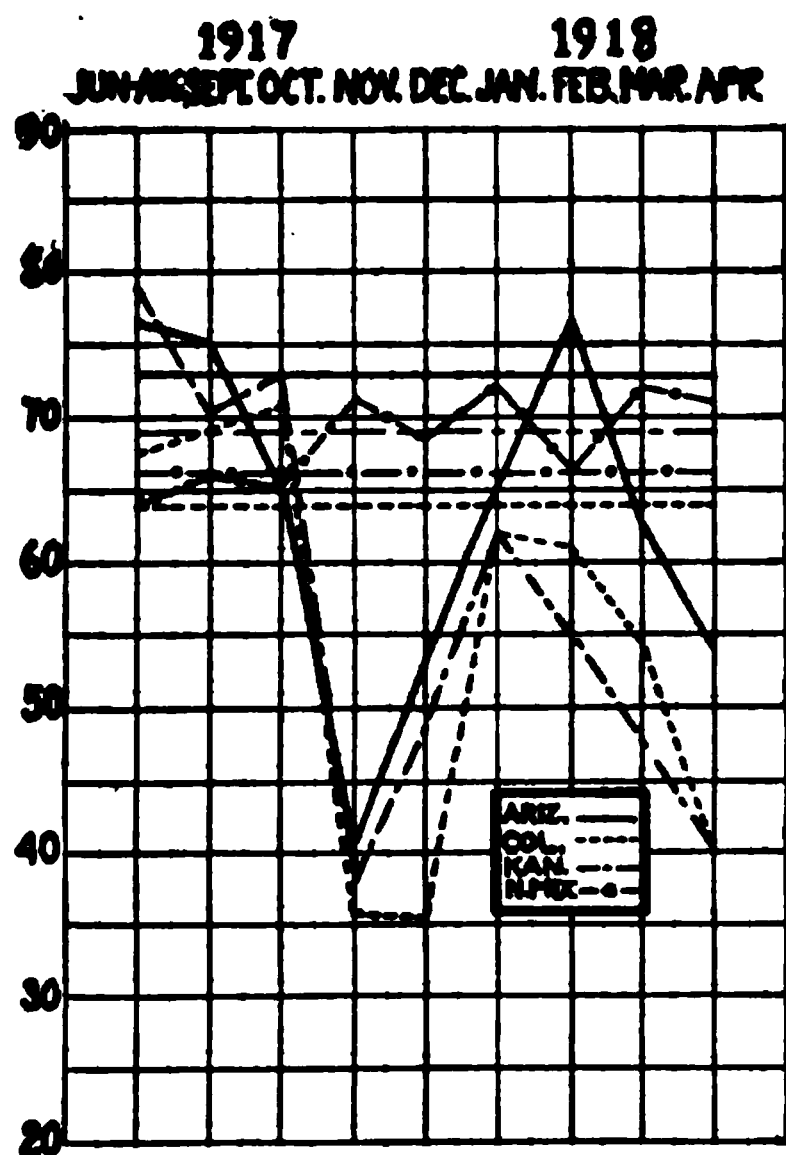


FIG. 13.—Graph showing for each State tributary to Camp Funston the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Funston, by months.

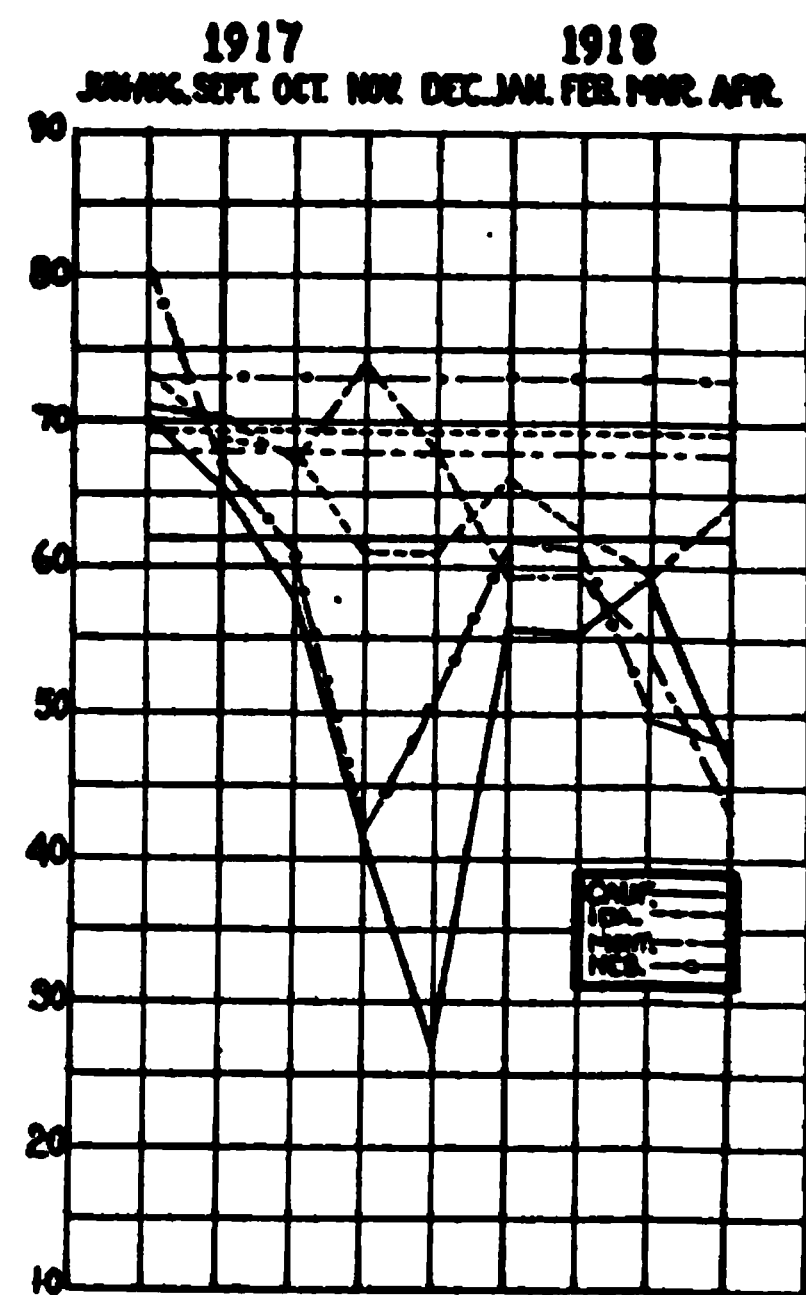
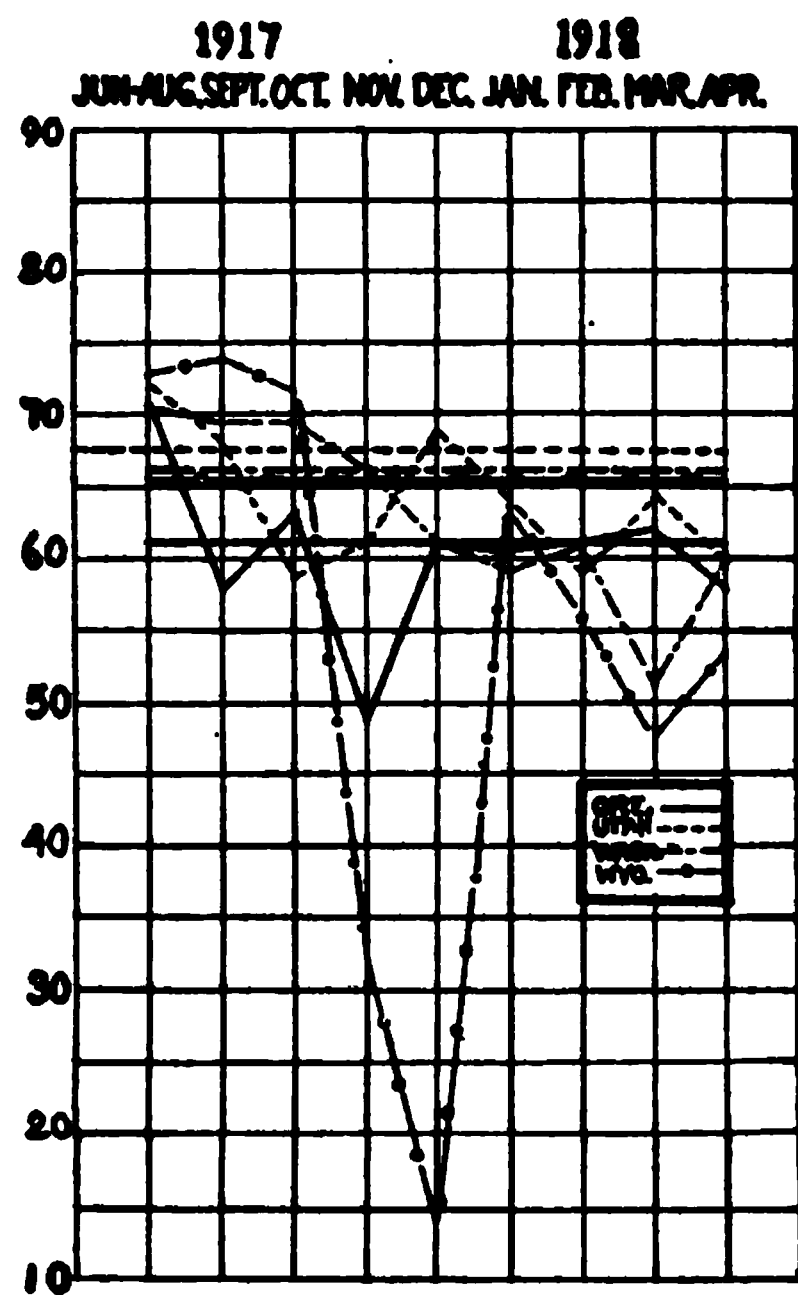


FIG. 14.—Graph showing for each State tributary to Camp Lewis the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Lewis, by months.

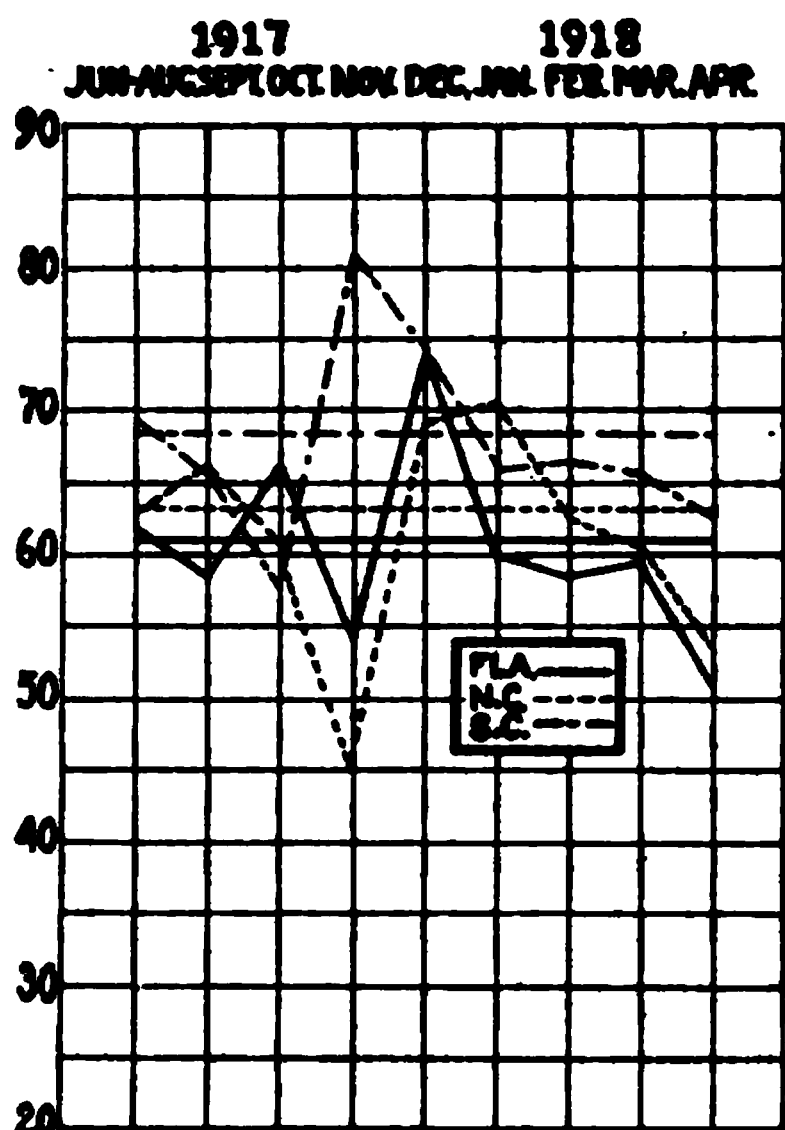


FIG. 15.—Graph showing for each State tributary to Camp Jackson the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Jackson, by months.

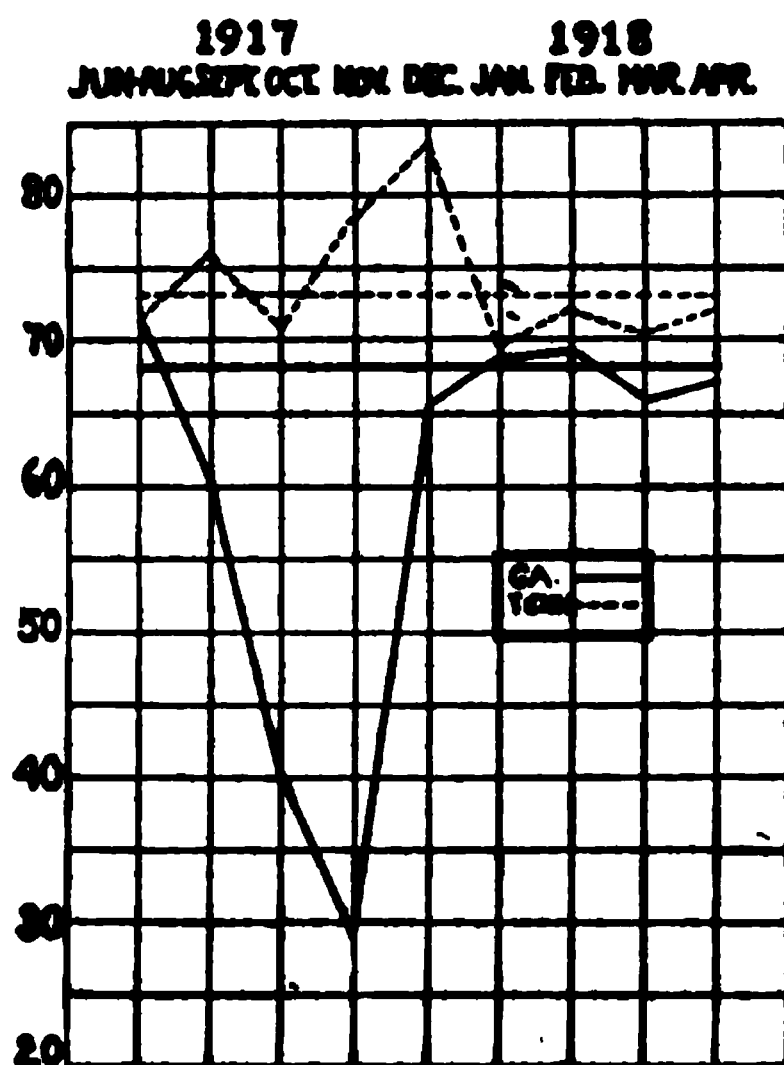


FIG. 16.—Graph showing for each State tributary to Camp Gordon the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Gordon, by months.

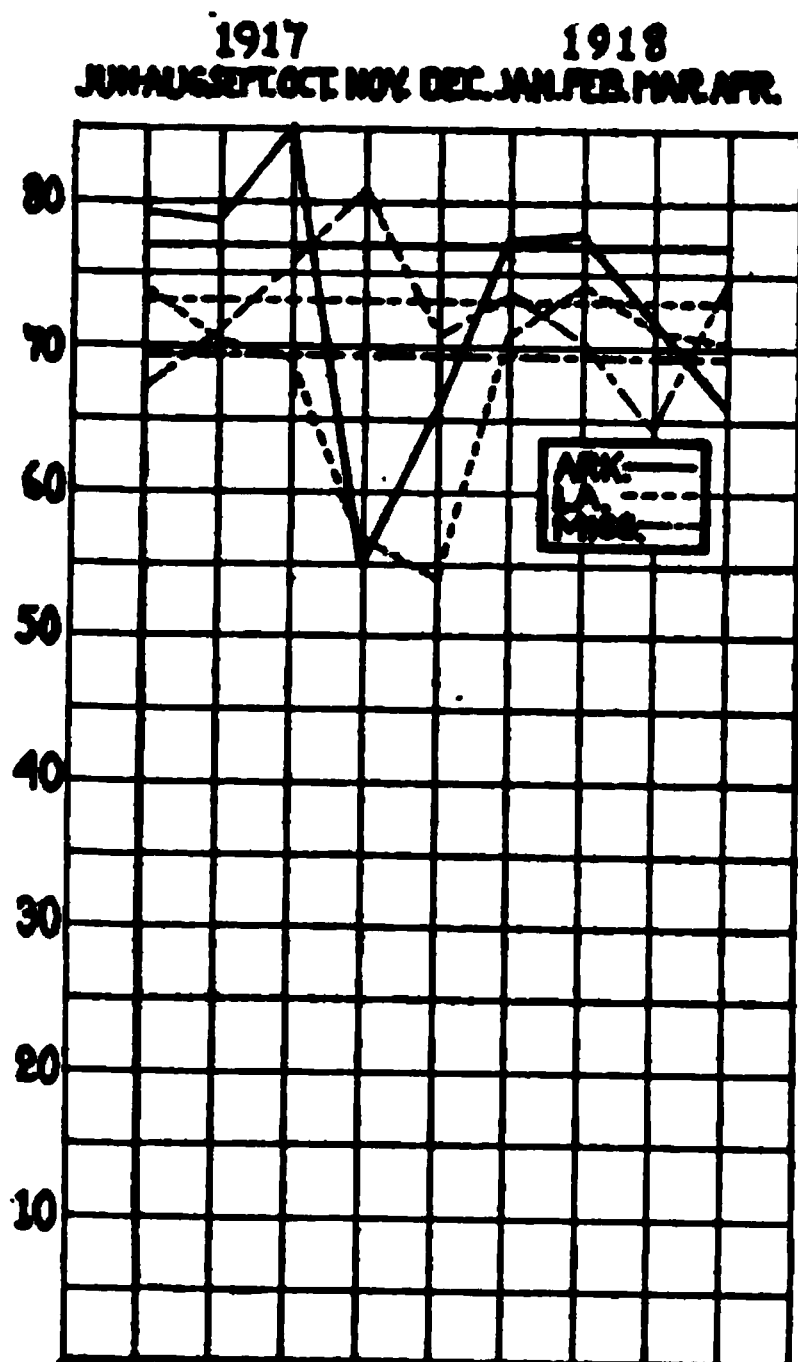


FIG. 17.—Graph showing for each State tributary to Camp Pike the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Pike, by months.

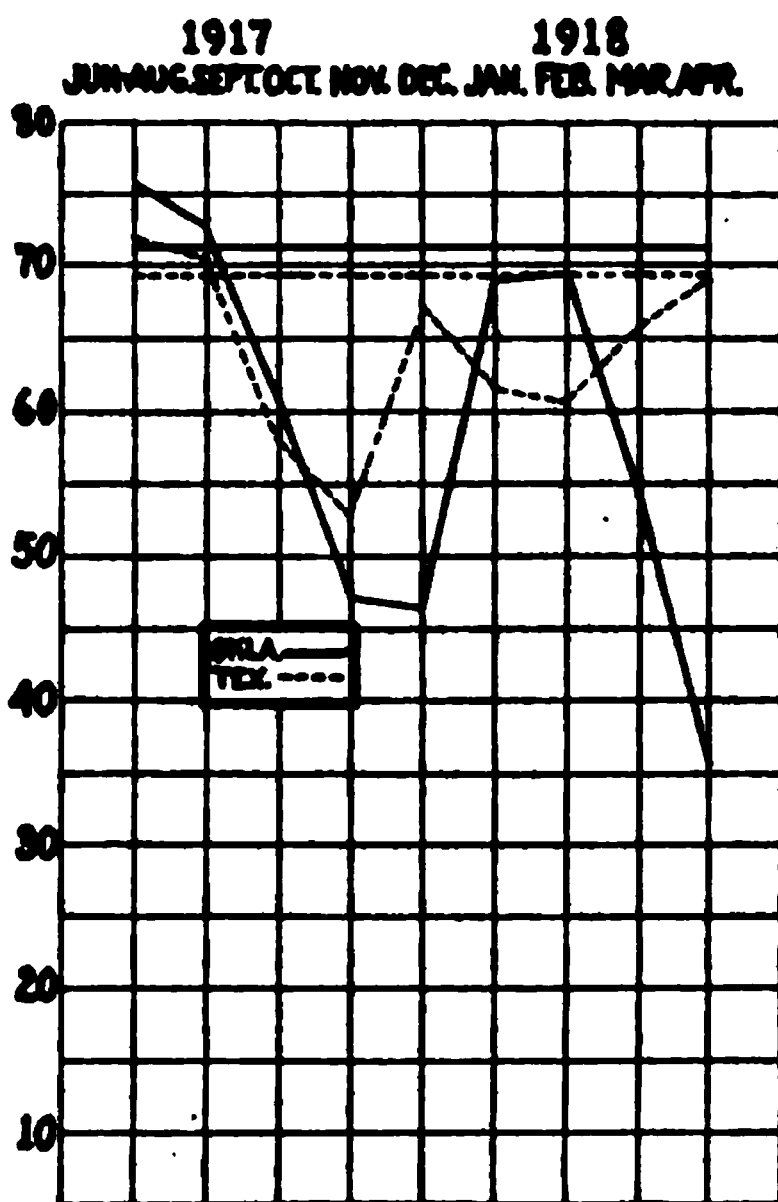


FIG. 18.—Graph showing for each State tributary to Camp Travis the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Travis, by months.

## VIII. DEFECTS FOUND IN MEN AT MOBILIZATION CAMPS.

We pass now to a consideration of the various defects found at mobilization camps in the first 994,000 men. The summary of these defects is given in Table II and in greater detail in Tables III-VI.

1. *Flat-foot*.—Considering Table II it appears that the commonest defect noted is *pes planus* (flat-foot). Of the total examined there were 176,424 with this defect, or nearly 18 per cent of the men examined.

The standards for flat-foot varied during the period under consideration. It becomes necessary, therefore, to consider the different standards that were authorized. Standard No. 0 (General Orders, No. 66, "Rules for the Examination of Recruits," authorized Apr. 18, 1910) was in effect during the first half of 1917 and was the only standard available for some examining officers at the beginning of the first draft. This standard prescribed (par. 202) that—

Flat-foot is a cause for rejection when accompanied by symptoms of weak foot.

Paragraph 203 prescribed that—

Pronounced cases of flat-foot attended by marked eversion of the foot and marked bulging of the inner border due to inward rotation of the astragalus are disqualifying, regardless of the presence or absence of subjective symptoms.

Standard No. 1 of July, 1917, was authorized for general use. It prescribes—

A broad, flat sole is common in laboring classes, particularly among negroes, and is in no way disabling. In the flat-foot which renders a man unfit for service the arch is so far gone that the entire border rests upon the ground with the inner ankle lowered and very prominent and the foot apparently pushed outward.

In Standard No. 4, authorized for local boards February, 1918, it is prescribed—

Accept all foot and ankle lesions if they do not interfere with the wearing of an ordinary shoe and with walking and weight-bearing power . . . . The different types of . . . flat-foot . . . are to be accepted if they come within the above requirements. *Reject no foot cases.* Refer all doubtful and other cases to the medical advisory board.

Standard No. 5 became effective for the medical advisory boards in March, 1918. These regulations specify—

Accept for general military service all registrants with lesion of the feet and toes irrespective of present function, when, after examination, it is the opinion of the medical advisory board that the lesion is remediable by treatment or operation.

If no member of the medical advisory board was trained in orthopedic surgery, it was directed to accept all doubtful cases. Registrants with lesions or deformities of the foot totally disabling them



for general military service and irremediable are to be placed in Group C or Group D, as the degree or present occupation of the registrant may decide.

Thus it will be seen that during the period under examination no specific regulations concerning the rejection of defective feet have become effective, replacing those of P.E.S. 1. It is consequently not surprising to find that out of 176,424 cases of flat-foot only 2,496 cases were rejected, or about 1.4 per cent of all.

In this connection we may get a rough critique of the suitability of the current ideal of accepting over 98 per cent of cases with flat-foot by considering the number of troops who were admitted to sick report on account of this defect or were discharged for disability because of it.

Thus in the Surgeon General's report for 1918 it appears that, during 1917, 5,190 soldiers, or 7.65 per thousand, were admitted to sick report on account of flat-foot. Also during 1917, 1,445 were discharged for disability on account of flat-foot, being 2.13 per thousand of mean strength. Also there were 70,817 days lost, being 0.29 per thousand of the days spent by the total number of soldiers in the Army during the year.

Among the grounds of discharge for disability in the Army during 1917 flat-foot, indeed, stands second, being exceeded only by tuberculosis of the lungs, which was the ground of 3,640 discharges. It would appear, therefore, that, during the period under consideration, in the physical examination at mobilization camps the medical officers erred in the direction of too great leniency in accepting for general military service persons with flat-foot.

Table 18 shows the distribution of the cases of pes planus among the recruits from the various States. The States are arranged in descending order of the ratio per thousand men examined from each State. The numerical results are shown graphically in plates X

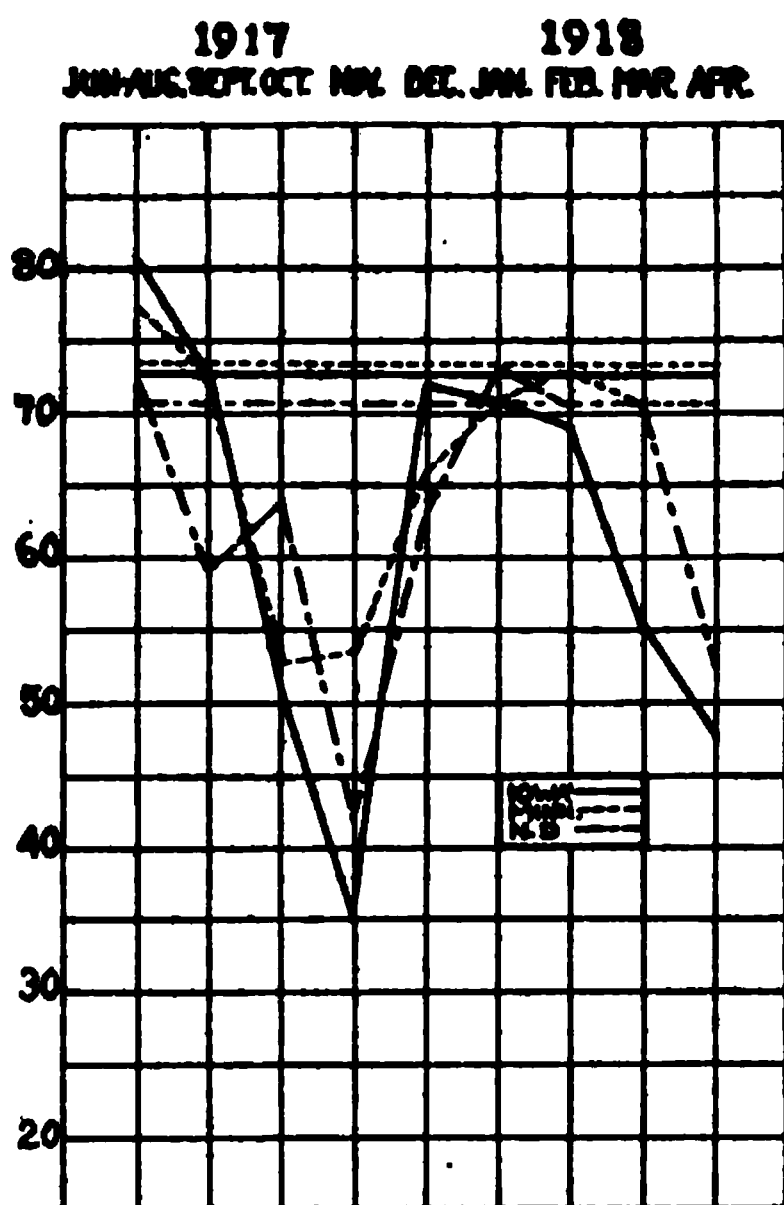


FIG. 19.—Graph showing for each State tributary to Camp Dodge the proportion of men accepted as qualified without defect by local boards, who were accepted without defect at Camp Dodge, by months.

and XXII. According to the chart the agricultural zone extending through Illinois, Missouri, Kansas, Nebraska, and Colorado is characterized by a large amount of flat-foot. Of these States all but Illinois were examined at Camp Funston; but, on the other hand, not all of the States examined at Funston show a high percentage of flat-foot. It seems probable, nevertheless, that the high proportion of flat-foot found in the four States of this group that lie west of the Mississippi River depends upon the idiosyncrasies of the orthopedic examiners at Camp Funston. The high proportion of pes planus found in Illinois as well as that found in New York is to be ascribed to the marked excess of flat-foot in recruits from large cities, especially Chicago and New York City.

TABLE 18.—*Number of cases of pes planus found in approximately the first million men examined at mobilization camps, showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alaska.....	39	367.92	New Mexico.....	508	177.24
Maryland.....	2,820	284.95	Massachusetts.....	5,324	176.40
Colorado.....	1,744	257.45	Wisconsin.....	3,186	171.19
Missouri.....	6,256	248.53	Florida.....	1,013	169.34
Virginia.....	4,362	234.51	Indiana.....	3,771	160.84
Nebraska.....	2,462	225.25	Pennsylvania.....	12,381	157.31
Oregon.....	859	220.26	Maine.....	512	152.11
New York.....	19,458	217.80	Alabama.....	2,484	152.48
Kansas.....	2,164	217.05	Georgia.....	3,167	151.28
Illinois.....	15,283	216.91	Connecticut.....	2,055	150.51
North Carolina.....	3,177	209.43	Vermont.....	812	150.06
West Virginia.....	2,638	209.18	Arizona.....	575	147.66
South Dakota.....	838	208.82	Texas.....	5,291	147.58
Delaware.....	397	207.96	Tennessee.....	2,150	146.35
Wyoming.....	401	207.58	Oklahoma.....	2,876	144.79
California.....	7,386	206.08	New Hampshire.....	328	143.36
Utah.....	929	199.69	New Jersey.....	4,279	140.15
Ohio.....	10,727	199.32	Michigan.....	5,550	131.43
North Dakota.....	1,267	191.37	Louisiana.....	1,443	113.16
District of Columbia.....	858	190.50	South Carolina.....	1,105	110.22
Nevada.....	274	189.88	Arkansas.....	1,019	99.06
Rhode Island.....	727	183.67	Kentucky.....	1,518	95.63
Idaho.....	731	179.26	Mississippi.....	646	72.18
Minnesota.....	4,923	178.63	State not specified.....	16,049	157.50
Washington.....	2,411	178.31			
Montana.....	2,097	178.01			
Iowa.....	3,659	177.76			
			Total.....	176,424	177.45

For the rest there is markedly a small amount of flat-foot recorded from the Southern States, and this result may be due in part to the negro population, which is physiologically flat-footed, and hence was rarely criticized for this condition; and, on the other hand, possibly in part to the fact that a large proportion of the rural male population of the Southern States during early life goes without shoes. The northern tier of States is characterized by an intermediate amount of flat-foot.

2. *Hernia*.—The second greatest group of defects found is that covered by the term hernia (rupture, enlargement of inguinal rings,

incipient hernia). Of these there was found a total of 33,865, being 34.07 per thousand of the men examined. Of these, 3,371 cases of hernia, or about 25 per cent, were rejected, and 36 cases of enlargement of inguinal rings, or about 0.17 per cent, were rejected.

The standards for the physical examination in the case of hernia are as follows: Physical Examination Standards No. 0 (General Orders, No. 66) prescribes that hernia "is cause for rejection," except when small and found in soldiers who have seen previous service.

Standard No. 1, July, 1917, prescribes:

Hernia in all situations is a cause for rejection.

Standard No. 3, for local boards, November, 1917, prescribes:

Hernia in any location disqualifies.

Standard No. 4, for local boards, of February, 1917, prescribes (sec. 184, K):

Accept all registrants with small or medium reducible inguinal, femoral, umbilical, and post-operative hernia. Refer to the medical advisory board all reducible hernia and all very large hernia. Reject no abdominal cases.

Standard No. 5, for medical advisory boards, March, 1918, prescribes (Article XIII, sec. 4):

All other types and degrees of hernia not mentioned in the regulations for the local board shall be carefully studied by the medical advisory board. If after this examination it is the opinion of the medical advisory board the hernia is remediable by operation and the registrant is otherwise physically fit, the registrant shall be accepted for general military service in the deferred remediable group (Group B) and diagnosed hernia.

If it is the opinion of the medical advisory board the hernia is not remediable by operation, or the probability of a successful operation is small, the registrant, if otherwise physically fit, shall be placed in the group as physically qualified for special or limited military service. (Group C.)

Registrants with hernia of any type so large, reducible or irreducible, apparently not remediable by operation with a large probability of a successful result, and who on account of this hernia show every evidence of being incapacitated, they shall be declared physically deficient and not physically qualified for military service by reason of an irremediable disqualifying hernia.

No standards replacing those of P. E. S. 1 had been issued to the medical examiners at mobilization camps during the period in question. Those who accepted hernias did so in accordance with regulations which had been issued to local and advisory boards.

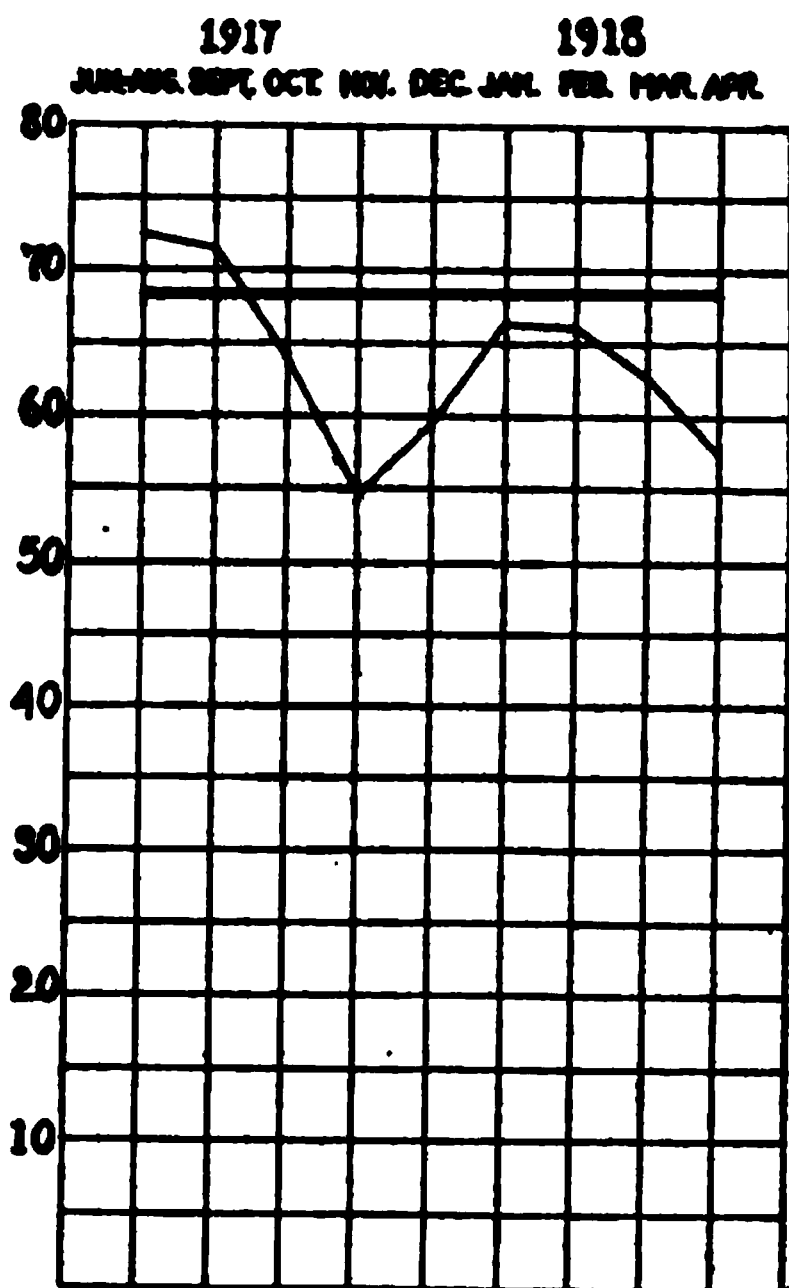


FIG. 20.—Graph showing for all camps the proportion of men accepted as qualified without defect by local boards, who were accepted without defect, by months.

To arrive at a conclusion concerning the adequacy of the physical examination service at the camps we have to consider the admissions to sick report, discharges for disability, and total days lost in the Army on account of hernia. From the report of the Surgeon General it appears that during the year 1917 there were 5,779 admissions to sick report on account of hernia, or 8.51 per thousand of mean strength during the year. There were 521 discharges for disability on this account, or 0.77 per thousand of mean strength. There were 117,610 days lost, or 0.47 per thousand of the days spent by the total number of men in the Army during the year. Also, there were 2,620 herniotomies performed, of which 2,592 were inguinal. These her-

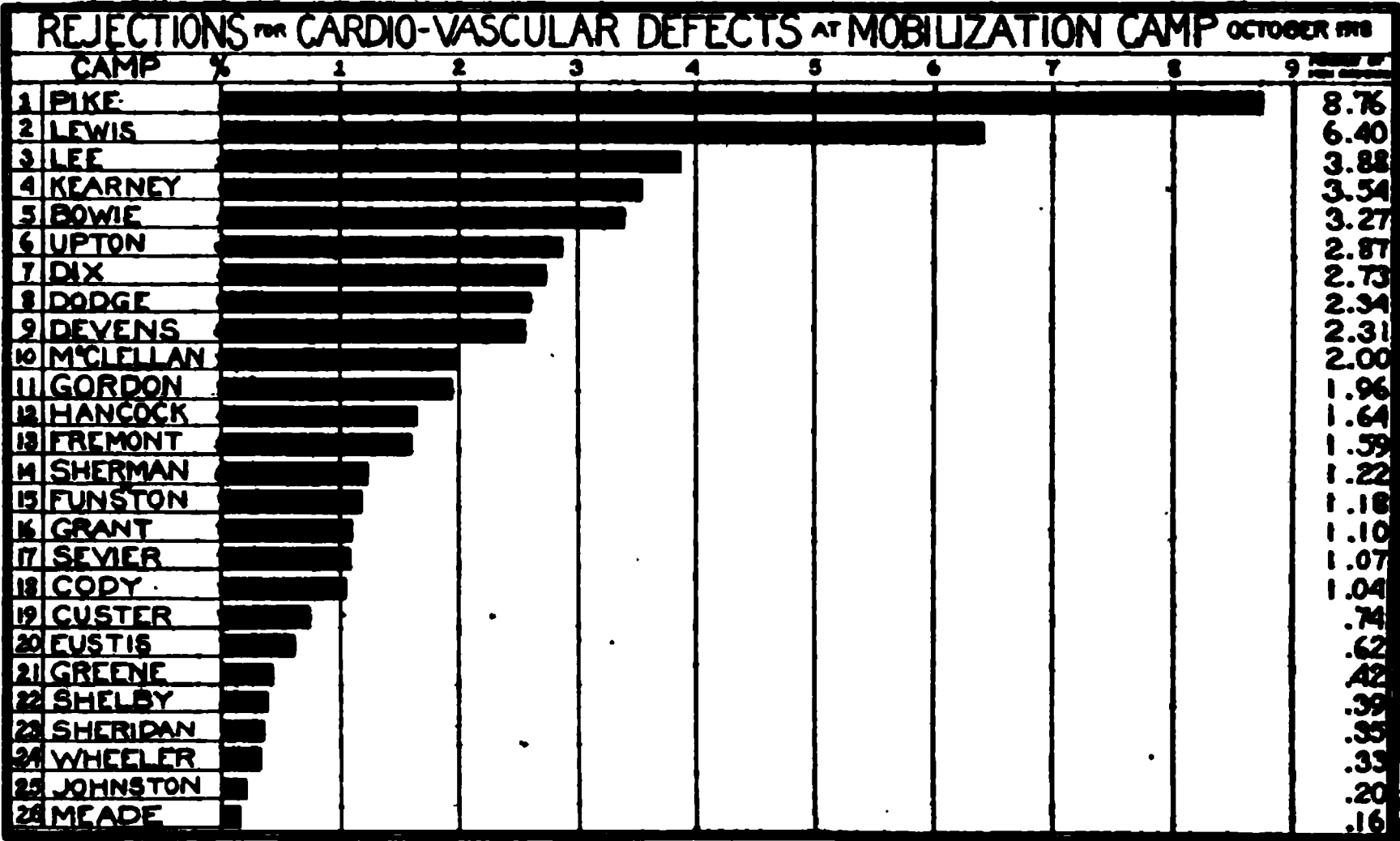


FIG. 21.—Graph showing the comparative percentages of rejections for cardio-vascular disease at various Army camps, October, 1918.

niotomies constituted over 9 per cent of operations for the correction of defects.

The distribution of cases of hernia, by States, is shown in Table 19. In this table the States are arranged in order of the ratio of cases found per thousand men examined from each State. Similarly, in Table 20, is given the distribution of cases of enlarged inguinal rings.

Plates VIII and XX give in graphic form the geographical distribution of cases found at mobilization camps with hernia and the geographical distribution for enlarged inguinal rings.

The striking fact in both charts on plate XX is the large amount of hernia, incipient and developed, in the territory tributary to Camp Lewis, and this is probably due to the idiosyncrasies of the examiners at that camp, although the possibility that it is associated with the mining occupation of these mountain States must be kept

in mind. The relatively high proportion of cases of hernia found in the New England States (except Maine), in New York, Ohio, Illinois, and Wisconsin may be due to the large cities in these States, since the urban population shows a much greater proportion of hernia than the rural population. As plate XX shows, the Southern States and those of the prairie region are characterized by relatively only a few cases of enlarged inguinal rings. These are above all rural States. On the whole, then, it is probable that the distribution of hernia, actual or incipient, is controlled more by the urban factor than any other.

TABLE 19.—Number of cases of hernia found in approximately the first million men examined at mobilization camps, showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Oregon.....	89	22.82	Kentucky.....	204	12.85
Iowa.....	424	20.60	Indiana.....	296	12.68
Utah.....	93	19.99	Florida.....	75	12.54
Alaska.....	2	18.87	Pennsylvania.....	983	12.49
California.....	676	18.86	Minnesota.....	337	12.22
Vermont.....	39	18.75	North Carolina.....	177	11.67
Michigan.....	778	18.43	Arizona.....	45	11.55
South Carolina.....	176	17.56	Connecticut.....	157	11.50
Washington.....	237	17.52	Missouri.....	282	11.20
North Dakota.....	114	17.21	Colorado.....	74	10.93
Georgia.....	352	16.81	Texas.....	390	10.88
New Jersey.....	504	16.51	Delaware.....	20	10.48
Montana.....	193	16.39	Nebraska.....	114	10.43
Wisconsin.....	304	16.33	Maryland.....	100	10.11
Kansas.....	155	15.55	Tennessee.....	148	10.07
Illinois.....	1,089	15.46	Nevada.....	14	9.70
Idaho.....	63	15.45	Oklahoma.....	192	9.67
Wyoming.....	29	15.01	Maine.....	32	9.57
New Hampshire.....	34	14.86	West Virginia.....	116	9.20
South Dakota.....	59	14.71	Louisiana.....	103	8.08
Massachusetts.....	443	14.68	Arkansas.....	83	8.07
Virginia.....	271	14.57	New Mexico.....	22	7.75
New York.....	1,298	14.53	District of Columbia.....	32	7.11
Ohio.....	771	14.33	State not specified.....	1,187	11.16
Rhode Island.....	53	13.39			
Alabama.....	216	13.25			
Mississippi.....	114	12.92	Total.....	13,709	13.79

3. *Venereal diseases.*—The third most important group of defects found at mobilization camps is venereal diseases, of which a record was made of 28,826, divided as follows:

Gonococcus infection.....	23,311
Syphilis.....	4,426
Chancroid.....	1,056

Of these only 490 of the gonococcus infection were rejected, or about 2 per cent; 1,530 cases of syphilis, or about 35 per cent; and 107 of chancroid, or about 10 per cent. Physical examinations for these diseases were as follows: Physical Examination Standards No. 0, paragraphs 175, 176, specify:

Gonorrhea is a cause for rejection. . . . Chancroids are disqualifying. . . .

TABLE 20.—*Number of cases of inguinal rings, enlargement of, found in approximately the first million men examined at mobilization camps, showing also the ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alaska.....	8	75.47	Arizona.....	60	15.41
Nevada.....	71	49.20	South Carolina.....	148	14.76
Virginia.....	823	44.24	Florida.....	88	13.87
California.....	1,532	42.75	Illinois.....	920	13.19
Connecticut.....	497	36.40	Colorado.....	88	12.99
Massachusetts.....	987	32.71	North Carolina.....	197	12.99
Pennsylvania.....	2,470	31.38	Tennessee.....	190	12.93
New Jersey.....	954	31.25	Minnesota.....	345	12.52
Oklahoma.....	619	31.16	District of Columbia.....	54	11.99
Oregon.....	119	30.51	North Dakota.....	75	11.33
Maine.....	94	28.11	South Dakota.....	44	10.96
New York.....	2,306	27.84	Iowa.....	225	10.93
West Virginia.....	338	26.80	Georgia.....	211	10.08
Vermont.....	54	25.97	Indiana.....	233	9.94
Texas.....	911	25.41	Missouri.....	231	9.18
Utah.....	113	24.29	Nebraska.....	98	8.96
Idaho.....	98	24.03	Alabama.....	126	7.73
Rhode Island.....	95	24.00	Kansas.....	67	6.72
Montana.....	272	23.09	New Mexico.....	18	6.34
New Hampshire.....	51	22.29	Kentucky.....	74	4.66
Washington.....	293	21.67	Louisiana.....	55	4.31
Wisconsin.....	367	19.72	Arkansas.....	38	3.69
Ohio.....	1,048	19.47	Mississippi.....	22	2.49
Maryland.....	184	18.59	State not specified.....	1,480	14.03
Wyoming.....	35	18.12			
Delaware.....	34	17.81			
Michigan.....	740	17.53	Total.....	20,156	20.28

Physical Examination Standards No. 1, July, 1917, specify:

*Reject.*—Syphilis when discernable by inspection and physical examination; . . . . Gonorrhea, acute and chronic, is not disqualifying, but individuals so affected should be advised immediately to secure appropriate medical treatment pending receipt of orders to report for duty.

Physical Examination Standards No. 3 for local boards specify:

Syphilis is a cause for rejection only when permanently incapacitating. Syphilis in the primary and secondary stages, that is, during the infectious period, chancroid, and gonorrhea, acute and chronic, are not disqualifying, but individuals so affected should be advised immediately to secure appropriate medical treatment pending receipt of orders to report for duty.

Physical Examination Standards No. 4, February, 1917, specify:

Accept all . . . . acute and chronic cases of gonorrhea and syphilis who have no complications permanently incapacitating.

Physical Examination Standards No. 5, March, 1918, did not alter the instructions previously given to the local boards.

The varying standards in regard to disposition of registrants with venereal diseases resulted, then, in the acceptance of a large proportion of them, except in the case of syphilis, the rejection of which by the mobilization boards was the result of the instructions given in General Orders, No. 66. That a larger proportion of cases of gonorrhea was not rejected in accordance with those instructions



is doubtless due to the acceptance by the mobilization boards of the regulations issued to local boards, July, 1917, which prescribe that cases of gonorrhea, in contradistinction to syphilis, are to be accepted.

The admissions to sick report for venereal diseases are in no way due to any laxity in the work of physical examiners. Since these diseases in all but a few cases did not disqualify, the vast number of such admissions is largely due to the fact that the Army undertook not only to accept but to cure persons admitted with these diseases. Another fraction of the admissions is, of course, due to infections acquired in the service. The total number of admissions to sick report for venereal disease in 1917 was 83,063, being 122.41 per thousand of mean strength. There were discharged from the Army during 1917 on account of venereal diseases 1,217 men. The total days lost were 1,105,879 or 4.46 days per thousand of the days spent by the total number of men in the Army during the year.

TABLE 21.—Total number of cases of venereal disease found in approximately the first million men examined at mobilization camps; showing ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alabama.....	1,475	90.54	Michigan.....	815	19.29
Virginia.....	1,598	85.91	New York.....	1,610	18.02
Florida.....	524	85.59	North Dakota.....	119	17.97
South Carolina.....	802	80.01	Arkansas.....	177	17.21
Georgia.....	1,161	55.45	Massachusetts.....	502	16.63
Texas.....	1,662	46.35	Iowa.....	341	16.56
Oklahoma.....	893	44.95	Nebraska.....	181	16.55
West Virginia.....	505	40.05	Connecticut.....	223	16.34
Mississippi.....	346	39.19	Minnesota.....	431	15.64
North Carolina.....	588	38.77	New Jersey.....	466	15.26
Tennessee.....	557	37.91	Vermont.....	31	14.91
Kentucky.....	595	37.48	Nevada.....	20	13.86
Missouri.....	885	35.16	New Hampshire.....	28	12.33
Arizona.....	130	33.37	Wisconsin.....	225	12.09
Indiana.....	777	33.14	California.....	418	11.67
Maryland.....	325	32.83	Wyoming.....	19	9.84
Ohio.....	1,750	32.52	Alaska.....	1	9.43
Louisiana.....	414	32.47	South Dakota.....	37	9.22
Delaware.....	52	27.24	Washington.....	120	8.88
New Mexico.....	76	26.77	Montana.....	104	8.83
Kansas.....	264	26.47	Utah.....	37	7.94
Rhode Island.....	103	26.03	Idaho.....	32	7.86
Pennsylvania.....	2,043	25.95	Oregon.....	23	5.90
Illinois.....	1,714	24.32	State not specified.....	3,298	32.36
Colorado.....	162	23.91			
District of Columbia.....	97	21.53			
Maine.....	70	20.93	Total.....	28,826	28.99



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TABLE 22.—*Number of cases of syphilis and general paralysis of insane found in approximately the first million men examined at mobilization camps; showing ratios also per 1,000 men examined from each state.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alabama.....	359	22.04	Michigan.....	131	3.09
Florida.....	118	19.72	Illinois.....	211	2.99
Kentucky.....	183	11.53	New York.....	239	2.68
Mississippi.....	96	10.87	Wyoming.....	5	2.59
Georgia.....	210	10.03	North Dakota.....	17	2.57
Virginia.....	186	9.99	Pennsylvania.....	196	2.49
North Carolina.....	138	9.10	Minnesota.....	59	2.14
Missouri.....	201	7.99	California.....	75	2.10
South Carolina.....	74	7.38	Iowa.....	41	1.99
Delaware.....	13	6.81	Montana.....	22	1.87
Rhode Island.....	25	6.32	New Mexico.....	5	1.76
Oklahoma.....	125	6.29	Maryland.....	15	1.51
Indiana.....	137	5.84	New Jersey.....	45	1.47
Louisiana.....	73	5.73	Vermont.....	33	1.44
Maine.....	19	5.68	Nevada.....	2	1.39
Tennessee.....	81	5.51	Washington.....	18	1.34
Arizona.....	21	5.39	District of Columbia.....	6	1.33
Arkansas.....	53	5.15	New Hampshire.....	3	1.31
West Virginia.....	59	4.68	Wisconsin.....	21	1.13
Ohio.....	241	4.48	Oregon.....	4	1.08
Kansas.....	41	4.11	Utah.....	4	.86
Texas.....	142	3.96	Idaho.....	3	.74
Massachusetts.....	116	3.84	South Dakota.....	2	.50
Connecticut.....	47	3.44	State not specified.....	515	5.05
Colorado.....	23	3.39			
Nebraska.....	36	3.29	Total.....	4,450	4.49

No cases in Alaska.

TABLE 23.—*Number of cases of gonococcus infection found in approximately the first million men examined at mobilization camps; showing ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Virginia.....	1,347	72.43	North Dakota.....	99	14.95
South Carolina.....	667	66.54	Maine.....	50	14.95
Florida.....	392	65.53	New York.....	1,332	14.91
Alabama.....	1,008	61.87	Iowa.....	295	14.33
Georgia.....	899	42.94	Vermont.....	28	13.47
Texas.....	1,440	40.16	New Jersey.....	402	13.17
Oklahoma.....	716	36.04	Minnesota.....	359	13.03
West Virginia.....	414	32.83	Nebraska.....	142	12.99
Tennessee.....	462	31.45	Massachusetts.....	382	12.65
Maryland.....	300	30.31	Connecticut.....	171	12.53
North Carolina.....	433	28.55	Nevada.....	17	11.78
Mississippi.....	246	27.87	Arkansas.....	117	11.37
Arizona.....	107	27.47	New Hampshire.....	25	10.92
Ohio.....	1,431	26.59	Wisconsin.....	197	10.68
Indiana.....	619	26.40	Alaska.....	1	9.43
Missouri.....	656	26.06	California.....	337	9.40
Kentucky.....	404	25.44	South Dakota.....	34	8.47
Louisiana.....	321	25.17	Washington.....	99	7.32
New Mexico.....	70	24.66	Wyoming.....	14	7.25
Pennsylvania.....	1,776	22.56	Utah.....	32	6.87
Kansas.....	216	21.66	Montana.....	79	6.71
Illinois.....	1,453	20.62	Idaho.....	26	6.38
Colorado.....	137	20.22	Oregon.....	19	4.87
Delaware.....	38	19.91	State not specified.....	2,668	26.18
Rhode Island.....	78	19.71			
District of Columbia.....	87	19.31	Total.....	23,311	23.44
Michigan.....	669	15.85			

TABLE 24.—Number of cases of chancroid found in approximately the first million men examined at mobilization camps; showing ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alabama.....	108	6.63	Kentucky.....	8	0.51
South Carolina.....	61	6.69	Minnesota.....	13	.47
Virginia.....	65	3.49	Mississippi.....	4	.45
Oklahoma.....	52	2.62	North Dakota.....	3	.45
West Virginia.....	32	2.54	New York.....	39	.43
Georgia.....	52	2.48	Wisconsin.....	7	.38
Texas.....	80	2.23	Connecticut.....	5	.27
Louisiana.....	20	1.57	Michigan.....	15	.35
Ohio.....	78	1.45	New Mexico.....	1	.35
North Carolina.....	17	1.12	Florida.....	14	.34
Missouri.....	28	1.11	Colorado.....	2	.60
Maryland.....	10	1.01	Maine.....	1	.30
Tennessee.....	14	.95	Nebraska.....	3	.27
Pennsylvania.....	71	.90	Montana.....	3	.25
Indiana.....	21	.90	South Dakota.....	1	.25
District of Columbia.....	4	.89	Iowa.....	5	.24
Idaho.....	3	.74	Washington.....	3	.22
Illinois.....	50	.71	Utah.....	1	.21
Kansas.....	7	.70	California.....	6	.17
Nevada.....	1	.69	Massachusetts.....	4	.13
Arkansas.....	7	.68	State not specified.....	115	1.13
New Jersey.....	19	.62			
Delaware.....	1	.52			
Arizona.....	2	.51			
			Total.....	1,056	1.06

No cases in Alaska, New Hampshire, Oregon, Rhode Island, Vermont, and Wyoming.

Tables 21, 22, 23, 24 give, respectively, the distribution by States of the total number of cases of venereal diseases—of syphilis and general paralysis of insane, of gonococcus infection, of chancroid—found in the physical examination at mobilization camps. Plates II, XI, and XII show the respective distribution graphically.

The most striking fact from these tables and charts is the marked predominance of venereal diseases in the southern tier of States.

This result is to a large extent due to the incidence of venereal disease in negro recruits, who come in large proportion from the Southern States. The relatively small amount of venereal disease recorded in men from Arkansas and Louisiana (and in the case of chancroid from Mississippi also) is probably due to the idiosyncrasies of the examiners at Camp Pike to which these three States were tributary.

Whether the small amount of venereal disease recorded from the northwest and Pacific States is due to the fact that these States were all tributary to Camp Lewis, so that the result was determined by the idiosyncrasies of the examiners there or not is uncertain. The probability is that the examiners at Camp Lewis did fail to record venereal disease with the same completeness as other camps. That there is no inherent absence of venereal disease in the population is sufficiently shown by the fact that during 1917 admissions for venereal diseases were more numerous in men from the States tributary to Camp Lewis than in men from other States of the Union, except Texas and Oklahoma. (See Report of Surgeon General, U. S. Army, 1918, p. 192.)

4. *Diseases of the throat.*—The fourth most numerous defect found at mobilization camps during the period in question is contained in the group of the “Diseases of the throat.” This group includes tonsillitis hypertrophic, other diseases of the pharynx, and other diseases of the larynx. Of the 24,132 defects in this group 23,632 are cases of tonsillitis, and of these cases a total of only 16 was rejected. That more were not rejected is rather remarkable in view of the fact that Physical Examination Standards No. 1 prescribed that “hypertrophy of the tonsils sufficient to interfere with respiration or phonation” is a cause for rejection. However, Physical Examination Standards No. 3, of November, 1917, intended primarily for local boards, prescribed that hypertrophic tonsils are not disqualifying. It was under these regulations that most of the physical examinations at mobilization camps were made. As a cause of sickness or ineffectiveness in the Army tonsillitis hypertrophic was not very important during the year 1917, while focal infections of the tonsils undoubtedly were.

The distribution by States of the cases of diseases of the throat is given in Table 25. The data of this table are shown graphically on Plates V and XIX. The most striking feature of these charts is the large amount of throat diseases found in Massachusetts, Vermont, and New Jersey. It is possible that the heavy incidence of throat diseases in the lower Mississippi Valley is due merely to the idiosyncrasies of the examiners at Camp Pike, to which these States were tributary. Probably to similar idiosyncrasies at Camp Lewis is due the relatively large amount of throat diseases recorded from the States tributary to that camp.

TABLE 25.—*Number of cases of diseases of the throat found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Mississippi.....	432	48.94	Illinois.....	1,646	23.35
Louisiana.....	568	44.54	New Hampshire.....	53	23.17
Arkansas.....	449	43.65	Nebraska.....	253	22.14
Oregon.....	163	41.80	Kansas.....	228	22.87
Washington.....	494	36.52	North Dakota.....	150	22.65
New Jersey.....	1,083	35.47	Indiana.....	515	21.96
Vermont.....	73	35.11	New Mexico.....	62	21.84
Wyoming.....	67	34.68	Minnesota.....	506	21.62
Delaware.....	66	34.57	Maine.....	72	21.52
Massachusetts.....	950	31.48	New York.....	1,918	21.47
California.....	1,090	30.42	Texas.....	769	21.45
Pennsylvania.....	2,391	30.38	Tennessee.....	310	21.11
Rhode Island.....	120	30.32	Kentucky.....	227	20.60
Iowa.....	590	28.67	Georgia.....	414	19.78
Oklahoma.....	565	28.44	Florida.....	108	18.05
North Carolina.....	419	27.62	Colorado.....	120	17.71
West Virginia.....	347	27.51	Ohio.....	910	16.91
Nevada.....	39	27.03	Maryland.....	162	16.37
Utah.....	126	26.86	South Carolina.....	158	15.26
Connecticut.....	362	26.51	Arizona.....	43	11.04
Alabama.....	414	26.41	Michigan.....	465	11.01
Missouri.....	636	25.27	Wisconsin.....	199	10.69
South Dakota.....	100	24.92	District of Columbia.....	46	10.21
Montana.....	293	24.87	State not specified.....	2,222	21.80
Idaho.....	101	24.77			
Virginia.....	454	24.41	Total.....	24,132	24.28

No cases in Alaska.

5. *Heart*.—The fifth in importance of the defects found at mobilization camps is the group of diseases and defects affecting the heart. Thus, during the period under consideration there were found 7,157 cases of valvular diseases of the heart and endocarditis; 181 cases of myocarditis and 526 cases of cardiac hypertrophy and cardiac dilatation; also 396 cases of cardiac arrhythmia and tachycardia, making a total of 8,260 defects ascribed to the heart. As we see, however, valvular diseases constituted the greatest group of defects found. They were found in 7.2 per thousand of the men examined. Of these cases 5,429 were rejected, being about 76 per cent of all.

The detection of valvular diseases of the heart and endocarditis is perhaps one of the most difficult of all of the determinations that have to be made by the methods available for the physical examiner.

The Physical Examination Standards No. 1 of July, 1917, prescribed that—

“Disease of . . . heart, especially in flat or narrow or malformed chest,” is ground for rejection.

Warning is given—

“In examining the heart care must be taken not to ascribe to disease the hurried, sharply accentuated action sometimes due to nervousness, fright, or embarrassment, or the irregular action caused by the excessive use of tobacco. Nor should the examiner attach undue importance to the soft systolic murmurs often heard in growing youths, functional and temporary in their nature.”

Physical Examination Standards, No. 2, for mobilization camps, August, 1917, stated that the duty of the examiner was in general terms:

To exclude from active service in the Army any man affected with disease of the heart or blood vessels which impairs his ability to undergo severe bodily exertion.

Of valvular diseases it is said:

Cardiac murmurs are the most certain physical signs by which valvular disease may be recognized and its location determined, but murmurs are very frequent in the absence of valvular lesions and may occur in perfectly healthy hearts, especially under the influence of excitement and exertion. Such accidental murmurs are always systolic in time. The most frequent are as follows: (a) Those heard at the apex on excitement, especially when recumbent; (b) those heard over the second and third left interspaces during expiration, disappearing during forced inspiration. These are particularly common in men with flexible chests, who can produce extreme forced expiration and under such circumstances may be associated with definite thrill; (c) systolic accentuations of the respiratory murmur, especially on inspiration, heard near the apex or over the back.

Loud systolic murmurs, audible at the apex and in the left back, if associated with any enlargement of the heart, with snapping first sound or accentuation of the pulmonic second sound shall be cause for rejection. If unassociated with these other signs, and the response to exercise be normal, the recruit may be accepted for special service.

Systolic murmurs at the base, except as specified above, especially those heard in the second right intercostal space, require more careful scrutiny. They may be due to disease of the aortic valves. In this case they should be harsh, conveyed well into the neck, associated with an aortic diastolic murmur, with thrill, or with a marked

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enfeeblement of the aortic second sound. Any of these combinations shall disqualify. . . . When loud and harsh, heard over the upper left chest, front and back, or associated with thrill during quiet breathing, they may indicate congenital cardiac disease and shall disqualify.

All diastolic murmurs, at apex or base, including presystolic murmurs, shall be considered evidence of valvular disease and cause for rejection.

Physical Examination Standards, No. 3, for local boards, November 1917, give among the causes for disqualification (sec. 184, J):

Definite organic valvular disease as indicated by secondary signs or symptoms in addition to murmurs.

Warning is given—

Ordinarily no murmur should be declared organic unless secondary physical signs, such as cardiac enlargement, edema, cyanosis, etc., can be demonstrated.

Physical Examination Standards, No. 4, for local boards, February, 1917, prescribe that—

The local board shall reject all registrants presenting definite symptoms of circulatory failure, viz, a combination of breathlessness, marked cyanosis, and oedema. All other cases shall be referred to the medical advisory board.

Physical Examination Standards, No. 5, for medical advisory boards, March, 1918, repeat essentially the specifications given in Physical Examination Standards, No. 2.

It thus appears that of the drafted men, from whom those with clearly marked valvular diseases had been already eliminated, 7.2 per thousand were found to have valvular diseases or endocarditis, and of these 0.75 per thousand to such an extent as to require rejection.

A critique of the success of physical examinations is given by the admissions to sick report of the Army during 1917 for valvular diseases of the heart. There were 2,521 such admissions, also 1,059 discharges from the Army for disability on account of valvular heart diseases, and 10 deaths in the Army are ascribed to this cause. There were 40,661 days lost from valvular heart diseases, being 0.16 of a day per thousand days spent by the total number of men in the Army.

The geographic distribution of the cases found at mobilization camps with valvular diseases of the heart is shown in Plates VI and XV. From the map it appears that valvular disease was found especially in camps receiving recruits from the Great Plains region and the mountainous country of the northwest, and, on the contrary, was least in the Central and Middle States. Its relative infrequency in Texas and Oklahoma is probably to be ascribed to an insufficiently critical examination at Camp Travis. Its relatively high rate in Florida and South Carolina is probably due to the severe standards of elimination present at Camp Jackson (which has the highest percentage of rejections of all the camps). The difference between the incidence of valvular diseases in the Plains and Central States can not be due merely to the difference of ideals of examiners at mobilization camps, since in each of these areas examinations were

made at two or more camps. Thus, of camps to which the Central and Middle States are tributary, Camp Meade, with liberal ideals, and Camp Taylor, with rather strict ideals for acceptance, found few cases for rejection on account of valvular diseases of the heart. It seems probable also that for some unknown reason, valvular diseases of the heart are commoner in Washington than in Oregon, and in Utah than in Wyoming, for though drafted men from all these four States were examined at Camp Lewis there was a marked difference in rejections in them. Tables 26 and 27 give the number of cases of valvular diseases of the heart and myocarditis in each State, arranged in order of relative frequency. Attention is called, on this occasion, to some findings of a later date, given in figure 21 which represents graphically the ratio of rejections for cardiovascular diseases (mainly valvular) found in camps during October, 1918. The figure is instructive because it shows the striking difference in rejection in different camps, which is certainly due far more to differences in the ideals of the examiners than in the physique of the population tributary to the different camps. In this connection it may be noted that it was learned that, in October, 1918, the ideals of the cardiovascular examiners at Camp Lewis were unjustifiably high.

The detailed figures concerning the men found with valvular defects of the heart at mobilization camps, whether accepted as qualified or rejected, are given in Table II.

TABLE 26.—Number of cases of valvular disease of the heart and endocarditis found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Michigan.....	845	20.02	Nevada.....	11	7.62
New Hampshire.....	30	13.11	Georgia.....	146	6.98
Mississippi.....	113	12.80	Arizona.....	26	6.67
Utah.....	56	12.03	Massachusetts.....	192	6.36
Arkansas.....	112	10.89	Vermont.....	13	6.25
Delaware.....	20	10.46	Wyoming.....	12	6.22
Washington.....	138	10.20	Colorado.....	42	6.21
California.....	358	9.99	Minnesota.....	163	5.92
Kansas.....	99	9.93	West Virginia.....	72	5.71
Nebraska.....	106	9.68	North Dakota.....	36	5.44
South Carolina.....	96	9.58	Oregon.....	20	5.14
Montana.....	109	9.24	Illinois.....	352	4.99
Missouri.....	229	9.10	Virginia.....	93	4.99
Florida.....	53	8.85	Indiana.....	117	4.98
Connecticut.....	120	8.78	Oklahoma.....	95	4.78
Iowa.....	178	8.64	Pennsylvania.....	354	4.49
Idaho.....	35	8.59	New York.....	401	4.47
South Dakota.....	33	8.22	Kentucky.....	70	4.42
Alabama.....	133	8.14	Ohio.....	235	4.38
Rhode Island.....	32	8.08	Texas.....	120	3.87
Wisconsin.....	150	8.05	District of Columbia.....	11	2.44
North Carolina.....	121	7.98	Maryland.....	24	2.42
New Jersey.....	243	7.97	Tennessee.....	32	2.17
Louisiana.....	101	7.92	State not specified.....	992	9.46
Maine.....	26	7.79			
New Mexico.....	23	7.74	Total.....	7,157	7.19

No cases in Alaska.



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TABLE 27.—*Number of cases of myocarditis found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Georgia.....	26	1.25	New Jersey.....	4	0.14
Alabama.....	10	.61	North Carolina.....	2	.13
Wyoming.....	1	.52	Ohio.....	7	.13
Vermont.....	1	.48	California.....	4	.11
Mississippi.....	4	.45	Virginia.....	2	.11
West Virginia.....	5	.40	Wisconsin.....	2	.11
Louisiana.....	4	.31	South Carolina.....	1	.10
Arkansas.....	3	.29	Kansas.....	1	.10
Michigan.....	12	.28	Iowa.....	2	.10
New York.....	21	.23	Pennsylvania.....	7	.09
Kentucky.....	3	.19	Missouri.....	2	.08
Florida.....	1	.17	Minnesota.....	2	.07
Indiana.....	4	.17	Washington.....	1	.07
Montana.....	2	.17	Massachusetts.....	2	.06
Illinois.....	11	.15	State not specified.....	28	.28
North Dakota.....	1	.15			
Oklahoma.....	3	.15	Total.....	181	.18
Tennessee.....	2	.14			

No cases in Alaska, Arizona, Colorado, Connecticut, Delaware, District of Columbia, Idaho, Maine, Maryland, Nebraska, Nevada, New Hampshire, New Mexico, Oregon, Rhode Island, South Dakota, Texas, and Utah.

TABLE 28.—*Number of cases of cardiac hypertrophy and cardiac dilatation found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
South Carolina.....	22	2.20	Georgia.....	10	0.47
New Hampshire.....	5	2.18	Indiana.....	11	.47
Delaware.....	4	2.10	Colorado.....	3	.45
Rhode Island.....	7	1.77	Pennsylvania.....	35	.45
Wyoming.....	3	1.55	District of Columbia.....	2	.44
Virginia.....	26	1.40	Kansas.....	4	.40
Nevada.....	3	1.39	Missouri.....	10	.40
Maine.....	4	1.20	Nebraska.....	4	.36
Connecticut.....	16	1.18	Illinois.....	23	.33
North Carolina.....	17	1.12	Oklahoma.....	6	.30
Oregon.....	4	1.03	Washington.....	4	.29
Mississippi.....	9	1.00	Idaho.....	1	.25
Vermont.....	2	.96	Alabama.....	4	.24
Maryland.....	9	.91	California.....	8	.23
Florida.....	5	.84	Texas.....	8	.23
New Jersey.....	25	.82	Wisconsin.....	4	.21
Arkansas.....	8	.78	Iowa.....	4	.20
Massachusetts.....	22	.73	Tennessee.....	2	.14
New York.....	64	.71	Ohio.....	7	.13
Kentucky.....	11	.68	Montana.....	1	.08
Louisiana.....	8	.62	State not specified.....	61	.60
Michigan.....	22	.52			
West Virginia.....	6	.48	Total.....	526	.53
Minnesota.....	13	.48			

No cases in Alaska, Arizona, New Mexico, North Dakota, South Dakota, and Utah.

*Cardiac hypertrophy and cardiac dilatation* were, as already stated, relatively uncommon defects at mobilization camps. These defects were found in 0.5 of 1 per thousand. About two-thirds of the cases found were rejected. Physical Examination Standards, No. 1, July, 1917, prescribed the rejection (in extremely general terms) of diseases of the heart. Physical Examination Standards, No. 2, for



mobilization camps, August, 1917, specified in detail the methods of diagnosis and selection, as follows:

*Hypertrophy and dilatation of the heart.*—Impulse to the left of the nipple line or below the sixth rib and of heaving character is cause for rejection. Its cause, either valvular disease or hypertension in the majority of cases, should be sought for. It should not be made a primary diagnosis unless careful examination fails to reveal a cause.

Impulse within these limits, but definitely heaving, or relative cardiac dullness extending to the left of the nipple line or more than 4 cm. to right of the median line in large, more than 3 cm. in small individuals, should lead to careful examination for valvular disease, high blood pressure, emphysema, or other cause. Unless such other cause can be found, the response to exercise shall be the guide. Those cases with normal response to exercise may be accepted for special service; all others shall be rejected.

TABLE 28a.—*Number of cases of cardiac arrhythmia and tachycardia found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
New Hampshire.....	4	1.75	North Carolina.....	9	0.60
Florida.....	9	1.50	Georgia.....	11	.52
South Carolina.....	14	1.40	Washington.....	7	.52
Mississippi.....	12	1.36	Vermont.....	1	.48
Arkansas.....	11	1.07	Colorado.....	3	.45
Delaware.....	2	1.05	North Dakota.....	3	.45
Wyoming.....	2	1.04	Wisconsin.....	8	.43
Rhode Island.....	4	1.00	Illinois.....	30	.42
Connecticut.....	13	.96	Kentucky.....	6	.38
Massachusetts.....	29	.96	Pennsylvania.....	29	.37
Virginia.....	18	.96	California.....	12	.34
Nebraska.....	10	.92	Montana.....	4	.33
Maine.....	3	.90	Minnesota.....	8	.30
Alabama.....	13	.80	Oklahoma.....	6	.30
Texas.....	28	.78	Iowa.....	6	.29
New Jersey.....	23	.76	Tennessee.....	4	.27
Ohio.....	41	.76	Oregon.....	1	.26
South Dakota.....	3	.75	District of Columbia.....	1	.22
Michigan.....	31	.73	Utah.....	1	.21
Louisiana.....	9	.71	Kansas.....	2	.20
New Mexico.....	2	.70	Maryland.....	1	.19
New York.....	58	.65	State not specified.....	74	.72
Indiana.....	15	.64			
West Virginia.....	8	.64			
Missouri.....	15	.60			
			Total.....	604	.61

No cases in Alaska, Arizona, Idaho, and Nevada.

Physical Examination Standards, No. 3, for local boards, November, 1917, give as cause for disqualification merely:

Marked enlargement of the heart.

Physical Examination Standards, No. 5, for medical advisory boards, March, 1918, repeated exactly the specifications of Physical Examination Standards, No. 2.

Cardiac arrhythmia and tachycardia (irregular and rapid heart) are also functional disturbances which are found in camps in only 0.4 of 1 per thousand of the men examined. Of the cases found, however, more than 75 per cent were rejected.

Plates VI and XV show the distribution of cardiac hypertrophy and dilatation as found at the camps, which shows that, contrary to the distribution of valvular diseases, the commonest occurrence is along the Atlantic seaboard, in the New England and Middle States, and above all, in Virginia and the Carolinas. The Central States show a somewhat higher position in this defect than they did in valvular diseases; whereas, in the northwest, the ratio is relatively less.

The distribution of cardiac arrhythmia and tachycardia as met with at mobilization camps resembles more that of cardiac hypertrophy and dilatation than of valvular diseases (Plates VI and XIV). The States tributary to Camp Jackson here also show a large incidence of functional heart diseases, and the same is true of the States tributary to Camp Pike, whereas, the States tributary to Camp Gordon show in functional heart diseases as well as in organic diseases a relatively low incidence. Since the States tributary to Camp Gordon are intermediate between those tributary to Camps Jackson and Pike it is a reasonable expectation that the incidence of functional and organic heart diseases in the States tributary to the three camps should be similar. The fact that the middle territory is so unlike the others is strong evidence that there was a difference in ideals of the examiners at Camp Gordon and the other two camps. We find, indeed, in all rejections Jackson and Pike are high and about the same, whereas Gordon is one-third less than either.

New England again shows a rather high proportion of functional cardiac disturbances found at camp.

6. *Eye*.—The next commonest defect found at mobilization camps is the group, "Diseases of the Eye," and among these the most striking subgroup is that of "Defective Vision, cause not stated," Table 29; and next, "Refractive Errors of the Eye, including Myopia (short sight), Hyperopia (far sight), and Astigmatism," Table 30. Combining defective vision, cause not stated and refractive errors of the eye, we have 9,220 defectives found, constituting 9.3 per thousand of the men examined. Of these defectives 6,555 were rejected from any sort of military service, being 6.6 per thousand of the men examined, or 71 per cent of all defects found.

Physical Examination Standards 0 (General Orders, No. 66) specify the causes for rejection of eye defects for the use of recruiting stations in the days before the war. It is required that each eye should be tested separately for vision, and any case having a visual acuity of 20/30 or less in either eye will be examined further to determine the exact cause of the error. In the preceding fraction the numerator 20 refers to the line of test type that is normally seen at 20 feet, and the denominator, 30, the (larger) size of type which is the smallest that the examinee can see at 20 feet. Other causes of

defective vision are ulcers and opacities of the cornea of the lens or its capsule.

Physical Examination Standards No. 1, July, 1917, prescribe the minimum visual requirements as follows:

Vision 20/40 for the better eye, and 20/100 for the poorer eye, provided that no organic disease exists in either eye.

The foregoing visual requirements were prescribed in Physical Examination Standards No. 2, intended for mobilization camps and Physical Examination Standards No. 3 for local boards, November, 1917.

In Physical Examination Standards No. 4 for local boards, February, 1918, the standard of vision was changed to read as follows (sec. 184, F):

Reject all registrants with the absence of one eye and when there is no doubt they are totally blind in both eyes. Accept all registrants with vision 20/100 in one eye and 20/40 in the other without glasses, or 20/100 in each eye without glasses, if correctable with glasses to 20/40 in either eye.

Physical Examination Standards No. 5 for medical advisory boards, March, 1918, continues the foregoing visual requirements for general military service, but for special or limited military service the bars are lowered still further. For such service the visual requirements are:

Vision 20/200 in one eye and 20/40 in the other (either right or left) without glasses, or, 20/200 in each eye without glasses, if correctable with glasses, to 20/40 in either eye.

To be unconditionally rejected are:

All registrants whose vision is *below* 20/200 in each eye without glasses. All registrants whose vision, without glasses, is 20/200 and not correctable, with glasses, to 20/40 in either eye.

Opacities of the lens, or its capsule, sufficient to reduce the vision below the standard, and progressive cataract of any degree.

The distribution of the defects of vision causing rejection at mobilization camps is shown in Plates IV and XVIII, and the total refractive errors observed at mobilization camps is shown in the same plates. The two resemble each other closely, as is to be expected. The latter is the more significant. One sees from Plate XVIII that New England and New York City are characterized by an excessive number of recruits found with defective vision. This may be in part due to the high requirements adopted at Camp Devens (which stands second among the camps in the percentage of men rejected). The chart (Plate IV) of errors of refraction indicates, however, that they are especially common in New York, Massachusetts, Rhode Island, and Connecticut, manufacturing States with a large foreign population, and this would lead us to conclude that there is a constitutional inferiority in the eyes of the population of these States. Certainly

the great proportion of defective vision found in New York State is influenced by the Polish Jews of New York City, who show a large proportion of bad eyes. The chief per cent of rejections for defective eyes in Michigan and Wisconsin is probably due to the high ideals of the eye examiner at Camp Custer.

TABLE 29.—*Number of cases of defective vision, cause not stated, found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Connecticut.....	369	27.02	Indiana.....	120	5.54
Massachusetts.....	609	20.18	South Carolina.....	55	5.49
Mississippi.....	145	16.53	Oregon.....	21	5.39
California.....	486	13.56	Minnesota.....	147	5.33
New Hampshire.....	31	12.55	Ohio.....	244	4.53
Vermont.....	28	13.47	Missouri.....	106	4.21
Rhode Island.....	53	13.39	Iowa.....	81	3.94
Maine.....	41	12.26	Pennsylvania.....	301	3.83
New York.....	1,080	12.09	Kansas.....	37	3.71
Wyoming.....	21	10.87	New Mexico.....	10	3.52
Montana.....	119	10.10	Oklahoma.....	69	3.48
Louisiana.....	127	9.96	Tennessee.....	51	3.47
Arkansas.....	97	9.43	West Virginia.....	43	3.40
Florida.....	56	9.36	Arizona.....	13	3.34
Utah.....	39	8.38	Virginia.....	61	3.28
Idaho.....	34	8.34	Nebraska.....	35	3.20
Nevada.....	12	8.31	Alabama.....	52	3.19
Michigan.....	340	8.05	Delaware.....	6	3.14
Washington.....	104	7.69	South Dakota.....	11	2.74
New Jersey.....	234	7.66	Texas.....	98	2.74
Kentucky.....	121	7.62	Maryland.....	26	2.62
Wisconsin.....	128	6.88	Colorado.....	13	1.92
Georgia.....	143	6.83	District of Columbia.....	6	1.33
North Carolina.....	91	6.00	State not specified.....	1,233	12.10
Illinois.....	416	5.90			
North Dakota.....	30	5.89	Total.....	7,812	7.86

No cases in Alaska.

*Trachoma* was recorded in mobilization camps in only 469 cases, being less than one-half of an individual per thousand of those men. Of these 386 were rejected, or 82 per cent of cases found. Physical Examination Standards No. 1, for Local Boards, require rejection of trachoma and other conjunctival affections. Physical Examination Standards No. 3, for Local Boards, specify: "Serious chronic conjunctival affections, including trachoma," are a cause for rejection.

In Physical Examination Standards No. 5, for Medical Advisory Boards, March, 1918, the requirements as to disposition of cases of trachoma have become much more precise.

It is stated:

Registrants with chronic conjunctivitis in district where trachoma is common should be most carefully studied. If the diagnosis of trachoma can not be excluded, the registrant shall be accepted for general military service in the deferred remedial group (Group B).

Registrants with trachoma otherwise physically and mentally fit, with vision up to the standard for general military service, shall be accepted for general military service in the deferred remediable group (Group B).

TABLE 30.—*Number of cases of refractive errors of eye, including myopia, hyperopia, and astigmatism, found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Maine.....	18	5.39	Florida.....	4	0.68
New York.....	309	3.47	District of Columbia.....	3	.66
Michigan.....	141	3.34	Texas.....	22	.61
Rhode Island.....	13	3.28	Kansas.....	6	.60
Connecticut.....	42	3.08	Illinois.....	43	.60
Massachusetts.....	89	2.95	Mississippi.....	5	.57
Vermont.....	6	2.88	Ohio.....	29	.54
New Jersey.....	75	2.46	North Carolina.....	8	.53
Wisconsin.....	41	2.20	Wyoming.....	1	.52
Indiana.....	51	2.18	Oregon.....	2	.52
New Hampshire.....	5	2.18	South Dakota.....	2	.50
Kentucky.....	34	2.14	California.....	17	.48
Pennsylvania.....	140	1.77	Nebraska.....	5	.46
Delaware.....	3	1.56	Colorado.....	3	.45
Virginia.....	25	1.33	Iowa.....	8	.40
North Dakota.....	7	1.05	Minnesota.....	11	.40
Arizona.....	4	1.03	South Carolina.....	4	.40
Maryland.....	9	.91	Georgia.....	6	.29
West Virginia.....	11	.88	Washington.....	4	.29
Louisiana.....	11	.86	Oklahoma.....	4	.20
Arkansas.....	8	.78	Montana.....	2	.16
Tennessee.....	11	.75	State not specified.....	125	1.34
Alabama.....	12	.74			
New Mexico.....	3	.70			
Missouri.....	17	.68	Total.....	1,408	1.43

No cases in Alaska, Idaho, Nevada, and Utah.

Thus we see that whereas in the earlier examination period trachoma was ground for rejection, in the later period it was admitted to Group B. Clearly the conception of trachoma as a remediable disease had grown.

 TABLE 31.—*Number of cases of conjunctivitis, granular (trachoma), found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Kentucky.....	83	5.22	Oregon.....	1	0.26
Missouri.....	39	1.55	Montana.....	3	.25
Indiana.....	35	1.50	South Dakota.....	1	.25
New Mexico.....	4	1.41	Tennessee.....	3	.20
Nevada.....	2	1.38	Arkansas.....	2	.19
North Carolina.....	16	1.05	West Virginia.....	2	.16
Illinois.....	71	1.01	Michigan.....	6	.14
Idaho.....	4	.98	Ohio.....	7	.13
Arizona.....	3	.77	New Jersey.....	4	.13
Oklahoma.....	14	.70	Virginia.....	2	.11
Utah.....	3	.64	Iowa.....	2	.10
South Carolina.....	6	.60	Massachusetts.....	3	.10
Texas.....	20	.56	Nebraska.....	1	.09
California.....	20	.55	Louisiana.....	1	.08
Rhode Island.....	2	.51	Alabama.....	1	.08
Vermont.....	1	.48	Georgia.....	1	.05
North Dakota.....	3	.45	Pennsylvania.....	2	.05
Washington.....	6	.44	Wisconsin.....	1	.05
New York.....	30	.34	State not specified.....	59	.58
Florida.....	2	.33			
Kansas.....	3	.30	Total.....	469	.47

No cases in Alaska, Colorado, Connecticut, Delaware, District of Columbia, Maine, Maryland, Minnesota, Mississippi, New Hampshire, and Wyoming.

The distribution of trachoma in the United States as found in mobilization camps is shown in Table 31 and Plates IV and XVIII. It is to be noted that this disease was observed most commonly in Kentucky, Indiana, Illinois, and Missouri, a group of States which were tributary to at least three camps, so that it is probable that this heavy incidence of trachoma corresponds to a peculiarity of the population of those States. Trachoma was also found in an unusual degree in North and South Carolina and to a less degree in Florida, the three States that were tributary to Camp Jackson. It is, however, well-known that at least the Carolinas have a large amount of trachoma. On the other hand, the New England States and the upper Mississippi States, together with Colorado and Wyoming, show a relatively small amount of trachoma. Throughout the whole southwest from California to Texas, inclusive, the amount of trachoma discovered is relatively high.

Passing now to a consideration of eye conditions found in camps subsequent to induction, it appears that there were in the whole Army during 1917, 481 admissions to sick report from trachoma—a greater number than was recorded at the mobilization camps, during the period of the draft, September, 1917, to April, 1918, inclusive. During 1917, 199 men were discharged from the Army on account of trachoma, and a total of 7,518 days were lost by persons on sick report because of trachoma. Of other forms of conjunctivitis there was about ten times as much as of trachoma, but very few of these cases (29) caused discharge for disability.

7. *Varicose veins*.—The next most important group of defects was that dependent upon a weakness in the walls of veins (giving rise to varicose veins, varicocele, and hemorrhoids or piles). Of these three defects there were together found 5,771 cases or 5.8 per thousand of men examined. Of these only 801 were rejected or about 14 per cent.

Physical Examination Standards as used by recruiting officers before the war, specified that—

Varicose veins in an extremity are causes for rejection only when they cover a large area or are markedly tortuous or much dilated or are associated with varicocele or hemorrhoids or are accompanied with subjective symptoms. However: Situated in the leg below the knee, and associated with varicose ulcers or scars from old ulcerations, varices of any kind are disqualifying.

Hemorrhoids sufficient in size to produce symptoms are cause for rejection.

Varicocele is not cause for rejection unless it is painful or so large as to interfere with locomotion.

Physical Examination Standards, No. 1, July, 1917, prescribe rejection for—

Pronounced varicose veins, especially when attended by edema or marks of ulcers; . . . . hemorrhoids of a pronounced type. Varicocele only when it interferes with locomotion.



These specifications held until the Physical Examination Standards No. 4 for local boards, February, 1918, were put into effect. These standards direct to—

Accept registrants with varicose veins when not attended with edema or leg ulcer; . . . all with small external or internal hemorrhoids; . . . varicocele.

Physical Examination Standards, No. 5, for medical advisory boards, directed the acceptance of—

All registrants with external hemorrhoids and with internal hemorrhoids, providing the local condition is not interfering with the registrant's ability to work, and providing an examination reveals no indication for immediate operation.

Severer cases are to be placed in Group D. Thus it appears that the examiners at mobilization camps classified these three types of weak veins conservatively, so as to preserve to the Army all possible fit men.

During the year, 1917, there were admitted to sick report in the entire Army on account of hemorrhoids 4,720 cases; of varicocele, 2,313; and of other diseases of veins (in which varicose veins are probably included) 1,187, making a total of 8,220 admissions to sick report for weak veins, a much greater number than were detected in the first million men at mobilization camps. These defects led to a total of 93,645 days lost or 0.38 of a day per thousand of the total number of days spent by all men in the Army. During the same period there were discharged from the Army only 239 individuals for these defects, showing that they are for the most part regarded as temporary or remediable.

TABLE 32.—Number of cases of varicose veins found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Maine.....	13	3.89	Colorado.....	8	1.18
Utah.....	13	2.79	Pennsylvania.....	89	1.13
Washington.....	37	2.74	West Virginia.....	14	1.11
Connecticut.....	36	2.64	District of Columbia.....	5	1.11
California.....	88	2.46	Nebraska.....	12	1.10
Idaho.....	10	2.45	North Carolina.....	16	1.06
Montana.....	28	2.38	Arizona.....	4	1.03
Wisconsin.....	44	2.37	New Jersey.....	31	1.02
Minnesota.....	59	2.14	Kentucky.....	16	1.00
Wyoming.....	4	2.08	South Carolina.....	10	1.00
Massachusetts.....	61	2.02	Missouri.....	22	.87
South Dakota.....	8	1.99	Iowa.....	18	.87
New Hampshire.....	4	1.75	Oklahoma.....	17	.86
Illinois.....	117	1.66	Maryland.....	8	.81
Michigan.....	67	1.59	Arkansas.....	8	.78
Virginia.....	29	1.56	Texas.....	26	.72
Rhode Island.....	6	1.52	Louisiana.....	9	.71
North Dakota.....	10	1.51	Nevada.....	1	.69
New York.....	183	1.49	Tennessee.....	10	.68
Ohio.....	79	1.46	Florida.....	4	.66
Vermont.....	3	1.44	Alabama.....	10	.62
New Mexico.....	4	1.40	Georgia.....	13	.62
Mississippi.....	12	1.36	State not specified.....	164	1.60
Indiana.....	31	1.32			
Oregon.....	5	1.28			
Kansas.....	12	1.20	Total.....	1,428	1.44

No cases in Alaska and Delaware.



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TABLE 33.—Number of cases of hemorrhoids found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Nevada.....	14	9.70	Minnesota.....	25	0.90
Rhode Island.....	9	2.27	Ohio.....	40	.89
Vermont.....	4	1.92	Michigan.....	85	.83
Texas.....	65	1.81	New York.....	72	.81
Virginia.....	33	1.77	Kansas.....	8	.80
South Carolina.....	17	1.70	Missouri.....	20	.79
Tennessee.....	25	1.70	Alabama.....	12	.74
Connecticut.....	23	1.68	Oklahoma.....	14	.70
Louisiana.....	20	1.57	New Jersey.....	21	.69
Florida.....	9	1.50	Washington.....	9	.66
Maine.....	5	1.50	Colorado.....	4	.59
North Carolina.....	22	1.45	Pennsylvania.....	43	.55
Georgia.....	30	1.43	Delaware.....	1	.52
Arizona.....	5	1.29	Wyoming.....	1	.52
Indiana.....	29	1.24	Wisconsin.....	9	.49
Idaho.....	5	1.23	Mississippi.....	4	.45
Arkansas.....	12	1.17	District of Columbia.....	2	.44
Illinois.....	82	1.17	New Hampshire.....	1	.44
California.....	41	1.14	New Mexico.....	1	.35
West Virginia.....	14	1.11	Oregon.....	1	.26
Massachusetts.....	33	1.09	Utah.....	1	.21
North Dakota.....	7	1.06	Maryland.....	2	.20
Kentucky.....	15	.94	State not specified.....	132	1.30
Montana.....	11	.93			
Iowa.....	19	.92			
Nebraska.....	10	.91			
			Total.....	1,025	1.03

No cases in Alaska and South Dakota.

TABLE 34.—Number of cases of varicocoe found in approximately the first million men examined at mobilization camps; showing ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Delaware.....	12	6.28	Minnesota.....	88	3.20
Vermont.....	13	6.25	Idaho.....	13	3.19
Virginia.....	103	5.54	Oklahoma.....	63	3.17
Kentucky.....	85	5.35	Pennsylvania.....	239	3.04
Wyoming.....	10	5.18	Rhode Island.....	12	3.04
Arizona.....	19	4.88	Kansas.....	30	3.01
Louisiana.....	58	4.55	Massachusetts.....	91	3.01
Wisconsin.....	82	4.40	Iowa.....	61	2.96
Oregon.....	17	4.36	Alabama.....	47	2.88
Tennessee.....	63	4.29	Texas.....	103	2.87
Illinois.....	297	4.21	Connecticut.....	37	2.71
Colorado.....	28	4.13	California.....	95	2.65
Indiana.....	95	4.05	New Hampshire.....	6	2.62
West Virginia.....	51	4.04	Michigan.....	107	2.54
North Dakota.....	26	3.93	Montana.....	30	2.54
Georgia.....	79	3.78	New York.....	218	2.44
South Dakota.....	15	3.74	Maine.....	8	2.39
Missouri.....	92	3.65	New Jersey.....	68	2.23
Utah.....	17	3.65	New Mexico.....	6	2.11
Florida.....	21	3.51	Nevada.....	3	2.08
Washington.....	47	3.47	Nebraska.....	19	1.74
Ohio.....	184	3.42	Maryland.....	17	1.72
Mississippi.....	30	3.40	District of Columbia.....	6	1.33
South Carolina.....	34	3.39	State not specified.....	389	3.82
Arkansas.....	34	3.31			
North Carolina.....	50	3.29			
			Total.....	3,318	3.34

No cases in Alaska.

Tables 32, 33, and 34 and Plates VII and XVI show the distribution of cases of varicose veins, hemorrhoids, and varicocele found at camps. The proportion of recruits showing these defects was never very large, and the distribution appears to be rather haphazard. However, varicose veins are found in exceptionally great number in the mountainous regions of the extreme northwest, also in Minnesota and Wisconsin. These are territories that are to a large extent occupied by Scandinavians who are mostly of tall stature, so that it is possible that the breaking down of the veins in the legs may be associated with the greater hydrostatic pressure that these veins have to bear in tall men. Hemorrhoids are found in exceptionally large number in the Southern States excepting the territory that is tributary to Camp Pike, an exception which is probably due to peculiarity in applying the standards at that camp. This peculiarity is probably due to the large proportion of negroes in these Southern States, for hemorrhoids are much more common in the colored than in whites in the proportion of 1 to 2.3.

In the case of varicocele the distribution is so haphazard as to make interpretation doubtful. It appears, however, exceedingly common in the mountain States of Virginia, Kentucky, Wyoming, Oregon, Colorado and West Virginia, also in the low lying State of Delaware (where, however, the numbers are small).

8. *Otitis media*.—The next commonest cause for rejection is otitis media and perforated ear drum (inflammation of middle ear and its sequel). In this group 2,589 men were placed, being 2.6 per thousand. Of these, 1,914 were rejected or 74 per cent.

The standards of physical examination in effect before the war prescribed:

Chronic suppuration of the middle ear is a cause for rejection. Cases of perforation of the membrana tympani, where the active process has entirely subsided and cicatrization has taken place, provided the hearing is not below the standard, may be accepted.

Physical Examination Standards No. 1, July, 1917, prescribed the rejection of "all catarrhal and purulent forms of otitis media; perforation of tympanum." This prescription indicated the requirement of a high standard of excellence in respect to ear infections, past or present.

Physical Examination Standards, No. 2, for mobilization camps, August, 1917, prescribed that any aural discharge disqualifies.

The membrana tympani may be much retracted and thickened. If, however, the total hearing is one-half normal, 10/20, the recruit should be accepted.

Even if the membrana tympani is perforated and the ear is dry and the total hearing one-half normal the recruit should be accepted. "The membrana tympani may be practically absent." Thus the prescription for mobilization camps was made more liberal than that for local boards.

Physical Examination Standards, No. 3, for local boards, November, 1917, adopted practically the specifications for mobilization camps.

Perforation of the tympanic membrane in a dry ear is not disqualifying, provided hearing is 10/20 or better.

In the Revised Standards for local boards, February, 1918, they were told to refer to the medical advisory board all registrants with chronic discharge from the middle ear. These standards continued to the end of the period with which we are concerned.

We have now to consider the consequence of these standards of selection on the health of the Army. During 1917 there were admitted to sick report in the total Army (strength, 687,000) 6,602 cases of otitis media, being nearly 1 per cent of the strength of the Army. The total number of days lost from these diseases was 73,175. Otitis media thus constituted, apart from venereal diseases and those of the respiratory system, one of the most important local infections. Otitis media was the ground for the discharge through disability of 536 men. It appears, therefore, that the standards of rejection were none too stringent in the case of otitis media. In fact, it is rather extraordinary that there were 567 cases of men accepted at the mobilization camps as qualified, despite the presence of otitis media, when this disease has always been held to be a ground for discharge. It is to be noted that this number, 567, is about the same as the number, 536, of discharges for disability in the Army during 1917.

TABLE 35.—*Number of cases of otitis media and perforated eardrum found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alaska.....	1	9.43	Kansas.....	22	2.20
California.....	190	5.80	Massachusetts.....	65	2.15
Mississippi.....	45	5.10	Iowa.....	39	1.89
Nevada.....	7	4.85	Alabama.....	30	1.84
Utah.....	22	4.72	North Dakota.....	12	1.81
New York.....	396	4.43	Wisconsin.....	31	1.66
New Jersey.....	114	3.74	Nebraska.....	18	1.64
Kentucky.....	56	3.52	Minnesota.....	44	1.60
Washington.....	47	3.47	Ohio.....	85	1.58
Montana.....	41	3.47	Texas.....	56	1.56
Michigan.....	146	3.45	North Carolina.....	23	1.52
Idaho.....	14	3.44	West Virginia.....	19	1.50
Wyoming.....	6	3.11	Colorado.....	8	1.18
New Hampshire.....	7	3.06	Tennessee.....	17	1.16
Florida.....	18	3.01	Pennsylvania.....	86	1.09
Arkansas.....	31	3.01	Vermont.....	2	.96
Oklahoma.....	57	2.87	Maryland.....	9	.91
Arizona.....	11	2.82	South Carolina.....	9	.90
Oregon.....	11	2.82	New Mexico.....	2	.70
Delaware.....	5	2.62	Georgia.....	13	.63
Louisiana.....	33	2.59	Virginia.....	11	.59
Missouri.....	65	2.58	South Dakota.....	2	.50
Illinois.....	170	2.41	District of Columbia.....	2	.44
Indiana.....	56	2.39	State not specified.....	387	3.80
Maine.....	8	2.39			
Rhode Island.....	9	2.27			
Connecticut.....	31	2.27	Total.....	2,569	2.60

The distribution of cases of otitis media and perforated eardrum observed at mobilization camps is given in Table 35 and the distribution is shown graphically in Plates V and XIX. The highest incidence of these defects in recruits is almost exactly coincident with the area tributary to Camp Lewis. Consequently we may conclude that special pains were taken at Camp Lewis to look for and record this defect. The defect was also exceptionally common in New York State, largely due to conditions found at Camp Upton, which drew from the city of New York. There were many cases also in New Jersey, whose largest cities resemble New York City in their population. There is a remarkable area of relatively high incidence of otitis media in the lower Mississippi drainage basin. And this can not be accounted for by the number of colored persons in the population, since the colored recruits were only half as apt to have otitis media as white recruits. The large proportion of cases of otitis media, that were accepted as qualified, that is found in the lower Mississippi Valley would seem to be evidence of low ideals of acceptance at Camps Pike, Taylor, and Travis. There are, however, many unexplained variations in the distribution of this disease.

9. *Mental deficiency.*—Another important defect found at mobilization camps was mental deficiency. There were 2,431 cases reported on forms 14 and 1010, about one-fourth of one per cent. It is, however, possible that some men were later rejected in consequence of the psychological examination; in fact, Maj. R. M. Yerkes estimates that from 1 to 1½ per cent of recruits who arrived at mobilization camps were subsequently rejected for mental deficiency in consequence of special psychological examinations.

Of the 2,431 feeble-minded found at physical examination, 2,333 were rejected, or about 85 per cent.

In 1917 there were admitted to sick report on account of mental deficiency in the Army of 678,000 men 1,640 patients, in consequence of which 22,634 days were lost. In the same period there were 1,041 discharged from disability, which is about a ratio of 1.5 per thousand. Thus the discharged for mental disability during 1917 indicated an inadequacy of the mental examinations during that year.

The distribution of cases of mental deficiency found at the camps is given in Table 36, illustrated in Plates III and XVII. These show that the ratio of greatest incidence is in the Southern States. This is sufficiently accounted for by the density of the negro population in those States.

10. *Foot defects:* The group of hammertoe, *pes cavus* (hollow foot), deformities of the foot, pronated foot, and ingrowing nail constitute a series of defects that are separated from *pes planus*, in order to permit of a special study of the latter trait. In the tables they are consolidated because separately they are hardly sufficiently numerous to

warrant individual treatment. They are for the most part defects due to the use of shoes; in general to misuse or mishandling of the feet.

Of these foot defects there were found at the mobilization camps, among the first 994,206 men, 6,994 cases, being 0.7 of 1 per cent of men examined. Of these cases 604 were rejected, or .06 of 1 per cent of the men examined, or 8.6 per cent of the defective individuals. The others were accepted, for the most part, for general military service. The standards of physical examination and of rejection for these defects varied at different times of the examination period.

TABLE 36.—*Number of cases of mental deficiency found in approximately the first million men examined at mobilization camps. Showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
North Carolina.....	167	11.01	Montana.....	18	1.53
South Carolina.....	94	9.38	California.....	53	1.48
Mississippi.....	70	7.93	New Jersey.....	42	1.37
Alabama.....	107	6.56	New York.....	113	1.26
Rhode Island.....	24	6.07	Georgia.....	26	1.25
Florida.....	35	5.85	Ohio.....	64	1.18
Louisiana.....	64	5.02	Colorado.....	8	1.18
Arkansas.....	46	4.47	Minnesota.....	30	1.09
New Hampshire.....	10	4.87	Vermont.....	2	.96
Maine.....	14	4.19	West Virginia.....	12	.95
Iowa.....	84	4.08	Illinois.....	66	.94
Wisconsin.....	73	3.92	Indiana.....	21	.89
New Mexico.....	11	3.88	Washington.....	12	.88
Michigan.....	158	3.74	Oregon.....	3	.77
Missouri.....	84	3.34	Virginia.....	13	.70
North Dakota.....	18	2.72	Texas.....	24	.67
Connecticut.....	37	2.71	Pennsylvania.....	52	.66
Tennessee.....	33	2.24	Maryland.....	6	.60
Massachusetts.....	62	2.05	Delaware.....	1	.52
Kentucky.....	32	2.02	Arizona.....	2	.51
Nebraska.....	22	2.01	Utah.....	2	.43
South Dakota.....	8	1.99	State not specified.....	547	5.37
Oklahoma.....	37	1.86			
Idaho.....	7	1.72			
Kansas.....	17	1.71	Total.....	2,431	2.45

No cases in Alaska, District of Columbia, Nevada, and Wyoming.

Pre-war Standard No. 0 prescribed as follows:

- Pes cavus (hollow foot) of moderate degree is not disqualifying.
- Overriding or superposition of any of the toes to such degree as to produce subjective symptoms is a cause for rejection.
- Ingrown toenails (usually of the great toe) are disqualifying unless readily amenable to treatment.
- Hallux valgus is disqualifying when sufficiently marked to interfere with locomotion or when accompanied with a painful bunion.
- Bunions sufficiently pronounced to interfere with function are disqualifying.
- Hammer toes, when existing in a marked degree, are causes for rejection.
- Clubfoot is disqualifying except in very rare cases in which the defect is so slight as to produce no symptoms.

Physical Examination Standards, No. 1, July, 1907, specified that there should be rejected:

Clubfeet, flat feet, webbed toes, bunions, overriding or marked displacement or deformity of any of the toes, hammertoes.

Since these standards were in effect from the beginning of the draft to November or December (that is, during the first half of the period under consideration) one would expect a large proportion of rejections in this group. Evidently medical examiners used their discretion and the subsequent modification of the standards by which they were reduced in strictness was the result of such procedure.

TABLE 37.—*Number of cases of hammertoe, pes cavus, deformities of foot, pronated foot, and ingrowing nail found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alaska.....	5	47.16	Oregon.....	17	4.36
Pennsylvania.....	2,146	27.27	Illinois.....	306	4.33
Virginia.....	423	22.74	South Dakota.....	17	4.24
Nevada.....	22	15.24	Arizona.....	16	4.11
Florida.....	84	14.05	Iowa.....	83	4.04
West Virginia.....	171	13.56	District of Columbia.....	17	3.77
Vermont.....	21	10.10	Delaware.....	7	3.66
California.....	350	9.76	Alabama.....	59	3.61
Washington.....	124	9.16	Nebraska.....	39	3.56
Massachusetts.....	266	8.82	Colorado.....	24	3.55
Connecticut.....	118	8.64	Michigan.....	141	3.34
North Carolina.....	126	8.31	Wisconsin.....	60	3.23
Tennessee.....	115	7.83	Indiana.....	68	2.90
Wyoming.....	14	7.25	Missouri.....	70	2.79
South Carolina.....	65	6.48	New Hampshire.....	6	2.63
Maryland.....	64	6.47	Kansas.....	26	2.61
North Dakota.....	40	6.03	Texas.....	77	2.14
Idaho.....	21	5.16	Kentucky.....	31	1.95
Minnesota.....	142	5.16	Mississippi.....	16	1.82
Rhode Island.....	20	5.06	Louisiana.....	23	1.81
New Jersey.....	154	5.03	Oklahoma.....	30	1.51
New York.....	450	5.03	Georgia.....	29	1.39
Utah.....	23	4.94	Arkansas.....	13	1.26
Maine.....	16	4.79	State not specified.....	517	5.07
Ohio.....	254	4.72			
Montana.....	55	4.66			
New Mexico.....	13	4.57			
			Total.....	6,994	7.03

Physical Examination Standards, No. 2, for mobilization camps, August, 1917, specified:

The following conditions of the toes, when existing to a marked degree, are causes for rejection: Hallux valgus, hallux rigidus; bunions; hammertoes; over-riding toes; arthritis; excessive callosities. These conditions are to be appraised in the following manner:

Hallux valgus, per se, is not disqualifying unless excessive and accompanied by symptoms.

Hammertoes: One of these on a foot is not disqualifying but more than one should cause rejection, unless the recruit can be operated on with success.

Over-riding toes, if excessive and numerous, are apt to cause blisters in marching and are disqualifying. If in a mild degree, these will tend to improve after wearing the Army shoe.

Physical Examination Standards, No. 3, for local boards, November, 1917, specified as causes for rejection:

Club feet; large and painful bunions; over-riding or marked displacement or deformity of any of the toes. Hammertoe is cause for rejection if it is well marked and interferes with the wearing of ordinary shoes.



Physical Examination Standards, No. 4, for local boards, February, 1918, specified:

Accept all foot and ankle lesions if they do not interfere with the wearing of an ordinary shoe and with walking and with weight-bearing power; hammertoe, hallux valgus, . . . are to be accepted if they come within the above requirements. Refer all doubtful and other cases to the medical advisory board. *Reject no foot cases.*

Physical Examination Standards, No. 5, for medical advisory boards, March, 1918:

Accept for general military service all registrants with lesion of the feet and toes, irrespective of present function, when, after examination it is the opinion of the medical advisory board that the lesion is remediable by treatment or operation.

It will be noted that by February and March, 1918, the bars to admission on account of foot defects had been markedly lowered.

A criterion in regard to the effectiveness of the earlier physical examination standards in barring from the Army those with feet too weak for service is gained by considering the admission to sick report, days lost, and discharges for disability on account of defective feet, other than flat feet. The particular defects considered in this section are not grouped in the same fashion in the Surgeon General's report for 1917, but constitute, no doubt, the greater part of the defects of: "Organs of locomotion, other diseases of." Of this category there were 6,950 admissions to sick report or 1,700 more than of pes planus. There were 64,572 days lost in this group, about 6,000 fewer days lost than for pes planus,<sup>1</sup> constituting about 0.26 of a day per thousand days of sojourn of all the men in the Army. There were 527 discharges for disability in this group or somewhat over one-third the number discharged for pes planus. These relations would seem to indicate that there was a larger number of successful treatments of the defects falling into this group than into the group of pes planus.

The distribution over the United States of the defects found at camp in this group is shown in Table 37 and Plates X and XXII. The distribution is somewhat irregular, but it is to be noted that the States of the Atlantic seaboard show a greater amount of these defects than the Gulf States and those of the interior. The States of California and Washington also show a large proportion of these defects. Also it appears that on the whole the more Northern States have the larger proportion of foot defects other than pes planus than the Southern States, and this is true also, as we shall see, of pes planus itself. It seems probable that this result may be due to the fact that a larger proportion of the young men of the Gulf States are brought up without shoes than in the colder Northern States. Such a condition obviously tends to promote the health of the foot, though it may introduce new dangers, such as hookworm.

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<sup>1</sup> But it is to be noted that many cases of pes planus were probably reported as foot defects.



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TABLE 38.—Number of cases of ankylosis, bony and fibrous, found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Idaho.....	23	5.64	Florida.....	15	2.51
Washington.....	72	5.32	Louisiana.....	32	2.51
Montana.....	59	5.01	Texas.....	89	2.48
Nevada.....	7	4.85	Massachusetts.....	70	2.33
California.....	173	4.82	Ohio.....	126	2.33
Utah.....	22	4.72	Tennessee.....	34	2.32
North Dakota.....	29	4.38	Illinois.....	162	2.30
New Hampshire.....	10	4.37	Mississippi.....	20	2.26
Alabama.....	69	4.24	Indiana.....	51	2.17
Minnesota.....	107	3.87	Virginia.....	40	2.15
Vermont.....	8	3.84	Delaware.....	4	2.10
Connecticut.....	52	3.81	Pennsylvania.....	164	2.09
North Carolina.....	56	3.70	Wyoming.....	4	2.07
Maine.....	12	3.59	Arizona.....	8	2.05
Oregon.....	14	3.59	Michigan.....	87	2.05
Rhode Island.....	13	3.28	West Virginia.....	23	1.83
South Carolina.....	32	3.20	Maryland.....	18	1.82
Kansas.....	30	3.01	New Mexico.....	5	1.76
Arkansas.....	29	2.82	South Dakota.....	7	1.75
Colorado.....	19	2.81	Nebraska.....	19	1.74
Kentucky.....	44	2.77	District of Columbia.....	7	1.55
Missouri.....	69	2.75	New York.....	126	1.41
Wisconsin.....	51	2.73	New Jersey.....	40	1.32
Georgia.....	55	2.63	State not specified.....	275	2.70
Iowa.....	53	2.57			
Oklahoma.....	50	2.52	Total.....	2,584	2.60

No cases in Alaska.

TABLE 39.—Number of cases of arthritis found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Delaware.....	4	2.10	Massachusetts.....	13	0.43
Nevada.....	3	2.08	Montana.....	5	.42
Iowa.....	38	1.85	Michigan.....	17	.41
Alabama.....	24	1.48	Missouri.....	10	.40
Utah.....	5	1.07	Louisiana.....	5	.39
Idaho.....	4	.98	Kentucky.....	6	.37
Arkansas.....	10	.97	New York.....	33	.37
Maine.....	3	.90	Texas.....	13	.37
South Carolina.....	9	.90	Virginia.....	7	.37
California.....	31	.86	New Mexico.....	1	.35
Georgia.....	18	.86	Kansas.....	3	.30
Florida.....	5	.83	Oklahoma.....	6	.30
Mississippi.....	7	.79	Washington.....	4	.30
Minnesota.....	20	.73	Tennessee.....	4	.27
Ohio.....	36	.67	Oregon.....	1	.26
Colorado.....	4	.59	Pennsylvania.....	19	.24
New Jersey.....	18	.59	West Virginia.....	2	.16
Wyoming.....	1	.52	North Dakota.....	1	.15
Arizona.....	2	.51	Indiana.....	3	.13
Connecticut.....	7	.51	Maryland.....	1	.10
Rhode Island.....	2	.51	Nebraska.....	1	.09
Wisconsin.....	9	.49	State not specified.....	142	1.40
North Carolina.....	7	.46			
New Hampshire.....	1	.44	Total.....	595	.60
Illinois.....	30	.43			

No cases in Alaska, District of Columbia, South Dakota, and Vermont.

11. *Ankylosis, bony, and fibrous (stiff joint).*—Into this category 2,585 defects found at mobilization camps in the first 994,206 men were placed, being about 0.26 of 1 per cent of the men examined. Of these 926 were rejected or about 36 per cent of the persons found with these defects.

Let us consider the relation of this percentage of rejections to the standards of physical examinations.

Physical Examination Standards No. 0 (General Orders, No. 66) specified:

Old dislocations, unreduced or partially reduced, complete or partial ankylosis of a joint . . . are causes for rejection.

Physical Examination Standards No. 1, July, 1917, prescribed concerning ankylosis only the rejection of cases with "diseases of the joints of disabling type."

Physical Examination Standards No. 2, for mobilization camps, prescribed:

Arthritis, unless very slight and localized, is disqualifying, and should suggest a similar condition in other joints.

Arthritis frequently results in ankylosis. It also prescribes rejection of—

Loss of flexibility in the direction of adduction and supination which may be due to *joint disease* (arthritis, tuberculosis, etc.), the effect of long continued foot strain, especially in the presence of infectious areas elsewhere in the body. In this case it is very likely to be associated with contraction of spasm of the peroneal group of muscles, and is a cause of rejection.

Physical Examination Standards No. 3, for local boards, November, 1917, prescribed the rejection of:

Chronic rheumatism and disabling diseases of the joints; . . . old dislocations if attended by marked impairment of motion or distortion of the joint; . . .

Physical Examination Standards No. 4, for local boards, February, 1918, prescribed:

Reject all registrants with an extensive disease of one joint associated with sinuses of long duration. . . . Reject all diseases . . . which have destroyed the function of both lower limbs.

Physical Examination Standards, No. 5, for medical advisory boards, March, 1918, prescribes:

The decision as to acceptance or rejection for general or for special or limited military service for affections of the bones and joints of nontuberculous character shall depend upon the function of the involved portion of the extremity at the time of the examination and the presence or absence of a sinus or other distinct evidence of the existence of a still active process, and not upon the cause or nature of the previous disease.

Furthermore:

Registrants who have restriction of motion of one joint of the lower extremities, hip, knee, or ankle, with no evidence of active disease of the bone or joint, shall be accepted for general military service when the limitation of active motion is not

more than 25 per cent of the normal. If the restriction of the motion is more than 25 per cent of the normal or when two or more joints are involved, irrespective of the degree of limitation, the registrant shall be accepted for special or limited military service (Group C), provided the medical advisory board is of the opinion (after investigation) that they are capable of any service; if not, they shall be rejected.

In consequence of these standards (in part) there were 1,052 admissions to sick report during 1917 for "joint, disease of" (rheumatism, tuberculosis excepted) constituting 1.55 admissions per thousand of mean strength. On account of these joint diseases there were 14,571 days lost and 145 discharges for disability.

The distribution in the different states of ankylosis observed at camps is shown in Table 38 and in Plates IX and XXIV. It appears at once that such diseases of the joint were found prevailing in the Western States and strikingly in the northern tier of such States—Washington, Idaho, Montana, North Dakota, and also Minnesota and Wisconsin. The smallest proportion of these diseases were found in the Middle States. Some of the Central States and those tributary to Camps Pike and Travis showed a relatively small amount of ankylosis. The distribution of the arthritis discovered at camps is shown in Table 39 and Plates IX and XXIV.

12. *Malunion of fracture*.—Table 5 shows that there were 2,015 cases of malunion of fracture reported, of which 1,045, or a trifle more than half, were rejected. Obviously the amount of rejection depended upon the degree of malunion as indeed the regulations, as well as the common sense of the situation, demanded. The distribution by States of the cases of malunion found is shown in Table 40 and on Plate XXIV. The chart shows strikingly that the largest proportion of cases was found in the States tributary to Camp Lewis. It is uncertain whether or not this is due to the idiosyncrasies of the examiners at this camp, by which they tended to report even slight cases of malunion which were disregarded at most other mobilization camps. In addition, States tributary to Camps Devens, Jackson, Custer, and Funston tended to show a high proportion of malunion of fractures, while on the other hand States tributary to Camps Gordon, Pike, Taylor, Dodge, and Travis, tended to show a slight amount of such malunion. It is probable that the idiosyncrasies of the examiners at the different camps were the principal factors determining the variations in incidence of these defects in the different States.

13. *Underweight*.—The next most important cause of rejection was underweight. There were 2,589 cases of this defect found, of which 1,660 were rejected, or 64 per cent of defect found, the rest of the 2,589 being accepted for general military service.

Physical Examination Standards, No. 0, stated clearly that the medical examiner should record his cause of rejection because of poor physique by such terms as "underweight, etc.," but the limit of

weight seems not to be given in these orders, reference being made to standards of the War Department.

TABLE 40.—*Number of cases of malunion of fracture found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Utah.....	24	5.16	Nevada.....	3	2.08
Idaho.....	21	5.16	Arizona.....	8	2.05
Washington.....	59	4.87	Indiana.....	43	1.83
Montana.....	51	4.32	Kentucky.....	29	1.82
Delaware.....	8	4.19	Rhode Island.....	7	1.77
Oregon.....	16	4.10	Tennessee.....	26	1.77
Wyoming.....	7	3.63	Georgia.....	36	1.71
California.....	126	3.53	Iowa.....	34	1.66
New Hampshire.....	8	3.49	North Dakota.....	11	1.66
North Carolina.....	51	3.37	Alabama.....	27	1.65
Kansas.....	31	3.10	New Jersey.....	49	1.60
Vermont.....	6	2.88	Oklahoma.....	32	1.60
Maine.....	8	2.39	New York.....	141	1.58
Nebraska.....	26	2.37	Illinois.....	108	1.50
Missouri.....	58	2.31	Texas.....	51	1.42
Mississippi.....	20	2.26	Minnesota.....	39	1.41
South Dakota.....	9	2.25	New Mexico.....	4	1.40
Colorado.....	15	2.21	West Virginia.....	17	1.35
Wisconsin.....	41	2.20	Pennsylvania.....	93	1.18
Florida.....	13	2.18	Arkansas.....	12	1.17
Michigan.....	92	2.17	Louisiana.....	14	1.11
Massachusetts.....	65	2.15	District of Columbia.....	4	.88
Connecticut.....	29	2.14	Maryland.....	3	.30
Ohio.....	113	2.10	State not specified.....	209	2.64
South Carolina.....	21	2.10			
Virginia.....	39	2.09	Total.....	2,015	2.02

No cases in Alaska.

Physical Examination Standards, No. 1, July, 1917, prescribed a minimum weight of 118 pounds or a minimum height of 61 inches, and stated:

To be acceptable, men below 64 inches, net weight, must be of good physique, well developed, and muscular.

It was provided also that the applicant might be 8 pounds below the minimum weight (that is, 110 pounds) and be accepted, if active, with firm muscles and evidently vigorous and healthy.

Physical Examination Standards, No. 3, for local boards specifies the minimum weight of 118 pounds for a height of 61 inches with qualifications as in the Physical Examination Standards, No. 1. In Physical Examination Standards, No. 4, the minimum weight was set at 120 pounds for a minimum height of 60 inches, and it was specified that registrants whose weight is less than 100 pounds should be rejected, unless it is plainly due to some recent illness, and otherwise the registrants have no disqualifying defect.

Registrants whose weight is more than 100 pounds and less than 114 pounds and have no other disqualifying defect are to be referred to the medical advisory board.

Physical Examination Standards, No. 5, for medical advisory boards, March, 1918, give the same standard of measurements as

No. 4. It may be added for sake of completeness that after the period under consideration the standard of minimum height at physical examination was raised from 60 to 63 inches and minimum weight to 124 pounds, but before these standards went into effect the weight and height were again reduced to the standards of Nos. 4 and 5.

TABLE 41.—*Number of cases of underweight found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Georgia.....	323	15.42	Mississippi.....	14	1.59
California.....	406	11.32	Wyoming.....	3	1.55
Nevada.....	11	7.62	Wisconsin.....	27	1.45
Delaware.....	13	6.81	Iowa.....	29	1.41
Washington.....	78	5.77	Texas.....	48	1.34
Idaho.....	23	5.64	Ohio.....	65	1.21
Alabama.....	90	5.53	Florida.....	7	1.17
Montana.....	62	5.26	Michigan.....	48	1.14
Utah.....	24	5.16	Kentucky.....	18	1.13
District of Columbia.....	23	5.11	New Mexico.....	3	1.05
Rhode Island.....	20	5.05	Minnesota.....	26	.94
Maine.....	14	4.19	North Carolina.....	13	.86
Tennessee.....	56	3.81	Arizona.....	3	.77
Louisiana.....	43	3.37	South Carolina.....	7	.70
Oregon.....	12	3.08	Indiana.....	16	.68
New Hampshire.....	7	3.06	Maryland.....	6	.61
Illinois.....	210	2.98	Virginia.....	11	.59
Vermont.....	6	2.88	Pennsylvania.....	39	.49
New Jersey.....	85	2.78	Colorado.....	3	.45
New York.....	238	2.66	Nebraska.....	4	.36
Connecticut.....	36	2.64	North Dakota.....	2	.30
Massachusetts.....	63	2.09	South Dakota.....	1	.25
Oklahoma.....	38	1.91	West Virginia.....	3	.24
Kansas.....	18	1.81	State not specified.....	235	2.31
Missouri.....	42	1.67			
Arkansas.....	17	1.65	Total.....	2,589	2.60

No cases in Alaska.

### Physical Examination Standards No. 5 prescribe:

Registrants who are less than 114 pounds shall not be accepted for general military service unless in the opinion of the medical advisory board it is a remediable defect.

The 36 per cent underweight men who were accepted would seem to belong to the class of those who weighed less than 120 pounds, but were believed capable of gaining at least up to 120 pounds. The distribution by States of the cases of observed underweight is shown in Table 41 and on Plates X and XXI. It appears from these charts that recruits from the States tributary to Camp Lewis were more frequently noted as being underweight than in most other States. This is probably to be attributed to idiosyncracies of the medical examiners at Camp Lewis, a camp which stood among those with the highest percentage of rejections for all cases. Also, the States of Georgia and Alabama which were tributary to Camp Gordon showed a very high rate of underweight. This is perhaps due to the presence of hookworm in people from these States, since the camp surgeons repeatedly refer to the slender, even gaunt, appearance of

recruits from Georgia. It is, however, rather remarkable that South and North Carolina show relatively little underweight, possibly on account of the negroes of the former State and the Scotch of the latter. Likewise, relatively few cases appear in the States that were tributary to Camp Funston. But there is certain internal evidence that there is relatively little underweight in the State of Minnesota and the Dakotas. An exceptionally high amount of underweight is found throughout New England, New York, and New Jersey, probably due to the large number of representatives of the Mediterranean race and of Polish Jews in those sections.

14. *Imperfect sex development.*—The next most important group of causes of rejection is that indicative of incomplete sex development, a group containing the diagnostic terms, anorchism, monorchism, cryptorchism (undescended testicle), and hypospadias. Of the defects in this group 1,802 are noted. Of these 302 were rejected or about 17 per cent. A great majority, therefore, of these cases were accepted.

In Physical Examination Standards No. 0, current before the draft, it is prescribed:

Pronounced atrophy of both testicles or loss of both the organs, due to operation or accidental causes, is disqualifying. The loss or atrophy of one testicle, the other being normal, is not disqualifying.

Undescended testicle is a cause for rejection when this organ is in the inguinal canal, or when outside the canal lying against the pubic bone, or when, as is frequently the case, it is associated with inguinal hernia.

TABLE 42.—*Number of cases of anorchism, monorchism, cryptorchism, and hypospadias found in approximately the first million men examined at mobilization camps, showing also ratios per thousand men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Utah.....	16	3.44	South Dakota.....	7	1.74
Montana.....	39	3.31	Pennsylvania.....	129	1.64
Florida.....	4	3.17	Georgia.....	34	1.62
California.....	110	3.07	Iowa.....	31	1.51
Vermont.....	6	2.89	Colorado.....	10	1.48
New Mexico.....	8	2.82	Missouri.....	37	1.47
New Jersey.....	83	2.72	Nevada.....	2	1.39
South Carolina.....	25	2.49	Michigan.....	57	1.35
Idaho.....	10	2.46	New Hampshire.....	3	1.31
Minnesota.....	67	2.43	Maryland.....	13	1.31
North Dakota.....	16	2.41	Connecticut.....	17	1.25
Massachusetts.....	72	2.39	Virginia.....	23	1.24
Texas.....	85	2.37	Maine.....	4	1.20
Rhode Island.....	9	2.27	West Virginia.....	15	1.19
Washington.....	30	2.22	Tennessee.....	16	1.08
Indiana.....	51	2.18	Ohio.....	58	1.06
Wisconsin.....	40	2.15	Louisiana.....	13	1.02
Wyoming.....	4	2.08	North Carolina.....	15	.99
Oklahoma.....	41	2.06	Alabama.....	13	.80
Oregon.....	8	2.05	Arkansas.....	8	.78
Kentucky.....	32	2.02	Mississippi.....	6	.68
Illinois.....	141	2.00	Arizona.....	2	.51
New York.....	175	1.96	State not specified.....	171	1.68
Nebraska.....	20	1.83			
Kansas.....	18	1.80			
District of Columbia.....	8	1.77			
			Total.....	1,802	1.81

No cases in Alaska and Delaware.



Physical Examination Standards No. 1, primarily for local boards, July, 1917, prescribe the rejection of undescended testicle.

Physical Examination Standards No. 3, for local boards, November, 1917, prescribe the rejection of "undescended testicle if located in the inguinal canal," but by February, 1918, the Physical Examination Standards read:

Accept . . . . undescended testicle, and registrants with but one testicle providing they do not give a definite history that the removed testicle was the seat of malignant disease.

In Physical Examination Standards No. 5, March, 1918, it is specified:

The absence of one testicle is not a cause for rejection unless the registrant furnishes verified proof that the testicle was removed for malignant disease, and he should then be rejected. If possible, in cases of this kind, sections of the removed tumor should be obtained and submitted to two or more pathologists to verify the diagnosis.

Atrophy of one testicle does not disqualify for general military service.

Atrophy or loss of both testicles does not disqualify for general military service if the registrant is otherwise physically and mentally fit.

Thus it seems that in respect to this group of defects the range of acceptance grew more liberal as the period under consideration advanced, and accordingly over 80 per cent of all registrants showing the defect were accepted for general military service. The distribution of this group of defects by States of occurrence is shown in Table 43 and in Plates VIII and XX. The distribution seems to be somewhat haphazard, though the greatest number of States showing the defects are those tributary to Camp Lewis. Other camps showing a high proportion of the defect are Dodge, Taylor, Jackson, and Pike. However, there is reason for believing that the defects are not uniformly distributed throughout the whole population. Thus, with 72 cases found in Massachusetts we have double the defect rate that is found in Maryland and Ohio, in which the number of cases found is not inconsiderable (that is, 23 and 58, respectively). The percentage of the defect is indeed small in Louisiana, Alabama, Mississippi, and Arkansas, all States characterized by a high percentage of negro population, in which these defects are relatively uncommon. The high rate of occurrence in Florida is doubtless to be ascribed to the small number of men examined from the State, so that the 4 cases found happen to make a high ratio. The small number of cases found in the Great Plains regions possibly has some racial or environmental significance, although it has to be admitted that most of these States were examined at Camp Funston and the idiosyncrasies of the examining board can not be neglected as an explanation. The high percentage of cases in New Jersey and in Massachusetts are very likely racial, as the population of recent immigrants from southeastern Europe showed a relatively large percentage of these defects.



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TABLE 43.—*Number of cases of defective physical development and deficient chest measurement found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Maine.....	11	3.29	Mississippi.....	6	0.68
New Mexico.....	9	3.17	New York.....	59	.66
Nevada.....	4	2.78	Nebraska.....	7	.64
California.....	98	2.74	Minnesota.....	17	.62
Florida.....	12	2.01	Texas.....	22	.61
Vermont.....	4	1.92	Wisconsin.....	11	.59
Georgia.....	39	1.87	Illinois.....	41	.58
Utah.....	8	1.71	Indiana.....	13	.55
Wyoming.....	3	1.55	Delaware.....	1	.52
Idaho.....	6	1.48	Missouri.....	11	.44
Washington.....	19	1.40	Ohio.....	19	.35
Montana.....	16	1.35	West Virginia.....	4	.32
North Carolina.....	20	1.32	Colorado.....	2	.30
Rhode Island.....	5	1.26	North Dakota.....	2	.30
Alabama.....	20	1.23	Oklahoma.....	6	.30
South Carolina.....	11	1.10	Arizona.....	1	.26
Tennessee.....	16	1.09	Iowa.....	5	.24
Michigan.....	46	1.08	Pennsylvania.....	17	.22
Oregon.....	4	1.03	Arkansas.....	2	.19
Connecticut.....	14	1.02	Louisiana.....	2	.16
Kentucky.....	15	.94	Virginia.....	3	.16
District of Columbia.....	4	.88	State not specified.....	116	1.14
New Hampshire.....	2	.87			
Massachusetts.....	23	.76	Total.....	799	.80
New Jersey.....	23	.75			

No cases in Alaska, Kansas, Maryland, and South Dakota.

15. *Defective physical development and deficient chest measurement* were counted 799 times, being less than 0.1 of 1 per cent of the recruits sent to mobilization camps. The proportion is small probably because the deficiency in chest measurement and understature could be so easily measured and therefore excluded by local boards. Of the 799 cases observed, 652 or 82 per cent, were rejected at mobilization camps. Standards for underweight and deficient chest measurement varied during the period under consideration. In Physical Examination Standards, No. 1; boards were instructed to accept only down to a standard of 61 inches, and it was stated—

To be acceptable, men below 64 inches in height must be of good physique, well developed, and muscular.

In Physical Examination Standards, No. 3, the minimum height continued at 61 inches, and it was prescribed that “there be no departure from the prescribed standards of height.”

In Physical Examination Standards, No. 4, the minimum height was reduced to 60 inches, and chest at expiration was placed at 31 inches. It was specified—

Registrants whose chest measurements do not come within the limits of the table and who have no disqualifying defect are referred to the medical advisory board. Reject registrants of less than 58 inches in height. Refer to the medical advisory board registrants whose height is more than 58 inches and less than 60.

In Physical Examination Standards, No. 5, for medical advisory boards, March, 1918, it was directed that registrants whose height is less than 60 inches shall be rejected from general military service,

but if they are otherwise physically and mentally fit they may be accepted for special or limited service.

Registrants who appear not to be able to expand the chest 2, 2½, or 3 inches, respectively, as per table, should be examined especially to ascertain if the failure of adequate chest expiration is due to ignorance and lack of practice.

Thus it will be seen that throughout the period under consideration the lower limits of stature and of chest at expiration were definitely prescribed and that local boards were required to reject persons falling below the specified minima. The distribution of defective physical development and deficient chest measurement is given in Table 43 and Plates X and XXII. Here again, as in the case of cryptorchism, the greatest proportions of defects found are in the States tributary to Camp Lewis. This is probably to be ascribed to the idiosyncrasies of the examining board in that camp. Relatively numerous cases are found in the southeastern States, which were examined at three or four camps. It seems probable that we have here the effects of hookworm infection. In New England again we have a center of high proportion of physical defects which may be at least in part explained by the presence of recent immigrants belonging to races of short stature. The area of low proportion of defects found in Virginia, West Virginia, and Pennsylvania is probably to be ascribed to the wide-open ideals of the camp examiners at Camp Lee. The small amount of physical defectiveness in the Dakotas and other Great Plains States is probably due to the selection which has brought the representatives of only the larger races of Europe to these States.

TABLE 44.—*Number of cases of simple goiter found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Washington.....	200	14.79	Nebraska.....	7	0.64
Oregon.....	48	12.31	Maine.....	2	.60
Alaska.....	1	9.43	Colorado.....	4	.59
Idaho.....	35	8.59	North Carolina.....	8	.53
Montana.....	100	8.48	Arizona.....	2	.52
Wyoming.....	12	6.21	Arkansas.....	5	.49
Utah.....	27	5.80	District of Columbia.....	2	.44
Illinois.....	349	4.95	New York.....	37	.41
Wisconsin.....	89	4.78	South Carolina.....	4	.40
Michigan.....	154	3.65	Oklahoma.....	7	.35
Minnesota.....	86	3.12	Louisiana.....	4	.32
Iowa.....	58	2.82	Connecticut.....	4	.29
California.....	89	2.49	Tennessee.....	4	.28
Ohio.....	110	2.05	New Jersey.....	7	.23
North Dakota.....	13	1.97	Mississippi.....	2	.22
Indiana.....	45	1.92	Maryland.....	2	.20
West Virginia.....	20	1.59	Florida.....	1	.17
Missouri.....	37	1.47	Texas.....	5	.14
Nevada.....	2	1.39	Massachusetts.....	2	.07
Kentucky.....	20	1.26	Alabama.....	1	.06
Pennsylvania.....	80	1.02	Georgia.....	1	.05
Kansas.....	10	1.00	State not specified.....	118	1.16
South Dakota.....	4	1.00			
Vermont.....	2	.96			
Virginia.....	14	.75	Total.....	1,834	1.85

No cases in Delaware, New Hampshire, New Mexico, and Rhode Island.

TABLE 45.—Number of cases of exophthalmic goiter found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Washington.....	28	2.07	Indiana.....	9	0.38
Idaho.....	6	1.48	New Mexico.....	1	.35
Wyoming.....	2	1.04	West Virginia.....	4	.32
Michigan.....	42	.99	New York.....	27	.30
Kansas.....	9	.90	South Carolina.....	3	.30
Wisconsin.....	15	.80	Georgia.....	6	.29
North Carolina.....	12	.79	Nebraska.....	3	.27
Oregon.....	3	.77	Mississippi.....	2	.23
Arizona.....	3	.77	New Jersey.....	7	.23
Montana.....	9	.76	Minnesota.....	6	.22
Colorado.....	5	.74	Pennsylvania.....	17	.21
Nevada.....	1	.69	Tennessee.....	3	.20
Utah.....	3	.64	Florida.....	1	.17
North Dakota.....	4	.60	Louisiana.....	2	.16
Iowa.....	12	.58	Connecticut.....	2	.14
Ohio.....	29	.53	Massachusetts.....	3	.10
Delaware.....	1	.52	Maryland.....	1	.10
South Dakota.....	2	.50	Texas.....	2	.06
Missouri.....	12	.48	Virginia.....	1	.05
Kentucky.....	7	.44	State not specified.....	95	.93
District of Columbia.....	2	.44			
California.....	15	.42	Total.....	446	.45
Illinois.....	29	.41			

No cases in Alabama, Alaska, Arkansas, Maine, New Hampshire, Oklahoma, Rhode Island, and Vermont.

16. *Goiter, simple and exophthalmic.*—We pass now to a series of mental and minor nervous diseases. Exophthalmic goiter, which is due to very active secretion from the thyroid gland, was found in 446 recruits, of whom 409 or 90 per cent were rejected. The earlier standards did not lay much stress upon this condition. Physical Examination Standards, No. 2, for mobilization camps give as a cause for rejection from military service organic nervous diseases, and specifies hyperthyroidism—a nervous disease in its effects.

Look for persistent tachycardia, exophthalmos, tremor, enlarged thyroid. History of general nervousness.

Physical Examination Standards, No. 3, give as a cause for rejection—

Exophthalmic goiter; pronounced simple goiter, when sufficient to interfere with the wearing of the military collar.

Physical Examination Standards, No. 4, state that local boards are directed to reject fully developed exophthalmic goiter when there is present thyroid enlargement, pulse rate above 120 and exophthalmos.

Accept registrants with normal necks, moderate enlargement of the thyroid with no toxic symptoms. Refer all others and doubtful cases to the medical advisory board.

In Physical Examination Standards, No. 5, Medical Advisory Boards were instructed at great length in regard to exophthalmic goiter and simple goiter, and benign tumors of the neck. Fully

developed exophthalmic goiter is cause for rejection; those with enlargement of the thyroid may be accepted if they have no evidence of toxic symptoms; otherwise, to be placed in group B. The large proportion of rejections in exophthalmic goiter in mobilization camps was hence in accordance with instructions. Relatively few cases found in camps were those which had escaped the vigilance of examiners in local boards.

Simple goiter (thyroid enlargement) is much more common than exophthalmic goiter. There were 1,834 persons found with the defect up to the 1st of May, and of these about 15 per cent were rejected. These were presumably of the more developed type.

The distribution of simple goiter as found at mobilization camps by States is shown in Table 44 and Plates I and XIII. The largest proportion of cases is found in the territory tributary to Camp Lewis, not uniformly throughout the territory but especially in the mountainous States of the North. It seems probable that there is a real distinction in the frequency of this disease between the northern and southern States of the territory tributary to Camp Lewis. The next commonest region of occurrence is in North Dakota and the territory adjacent to the Great Lakes. This is a well-known limestone region, and inquiry may be raised as to whether there is any relation between the excess of goiter in the population and lime in the drinking water. On the other hand, goiter is rare in the Gulf States and along the Atlantic seaboard. The distribution of exophthalmic goiter as it was observed in camps is shown in Table 45 and Plates I and XIV. Here again the mountainous regions of the West are the regions of greatest incidence of this defect, while New England, tributary to Camp Devens, and Texas and Oklahoma, tributary to Camp Travis, have very little of it. In general, but with many exceptions in detail, the distribution of exophthalmic goiter resembles that of simple goiter.

17. *Dementia praecox*.—This was frequently observed. There were 577 cases detected, all but 13 of which were rejected at mobilization camps.

The physical examination standards have consistently required the rejection of all forms of insanity. It is hard to understand how 13 cases of assured dementia praecox or other psychosis should have been accepted for general military service by mobilization camps. Dementia praecox is given as a cause for sick report in the Army during 1917, 934 times, causing a loss of 36,383 days or 0.15 of one per thousand of the days spent by the total number of soldiers in the Army in the United States during the year. There were discharged from the Army on account of this mental trouble during 1917, 1,041 cases besides over 200 psychoses of other sorts.

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TABLE 46.—*Number of cases of psychoses and dementia praecox found in approximately the first million men examined at mobilization camps: showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Alabama.....	26	1.59	Nebraska.....	4	0.36
Delaware.....	2	1.04	New Mexico.....	1	.35
Arizona.....	4	1.02	Wisconsin.....	6	.32
Arkansas.....	10	.97	Missouri.....	8	.32
South Carolina.....	9	.90	North Dakota.....	2	.30
Georgia.....	18	.87	Kansas.....	3	.30
North Carolina.....	12	.80	Colorado.....	2	.30
Iowa.....	15	.72	Tennessee.....	4	.28
Louisiana.....	9	.70	Pennsylvania.....	21	.27
Mississippi.....	6	.68	Oregon.....	1	.26
Michigan.....	26	.61	Illinois.....	18	.26
Massachusetts.....	18	.60	Idaho.....	1	.25
Texas.....	20	.56	West Virginia.....	3	.24
Oklahoma.....	11	.55	New Jersey.....	7	.23
Ohio.....	28	.52	Virginia.....	4	.21
California.....	18	.51	Maryland.....	2	.20
Florida.....	3	.50	Montana.....	2	.17
New York.....	40	.45	Indiana.....	3	.13
New Hampshire.....	1	.44	Kentucky.....	1	.06
Minnesota.....	12	.44	State not specified.....	200	1.96
Connecticut.....	6	.44			
Utah.....	2	.42			
Washington.....	5	.37	Total.....	594	.60

No cases in Alaska, District of Columbia, Maine, Nevada, Rhode Island, South Dakota, Vermont, and Wyoming.

The geographical distribution of dementia praecox as found in mobilization camps is given in Table 46 and Plates III and XVII. According to this map the greatest occurrence of dementia praecox was in the southern States. Also, in Iowa, New Hampshire, and Idaho. The smallest amount was found in the northwest, especially Oregon, Montana and South Dakota. A high proportion of dementia praecox is found also in North Carolina, Virginia, New York, Massachusetts, and Connecticut, probably in the latter three States because associated with the large proportion of recent immigrants. The Central States seem to be characterized by a small proportion of this mental disease.

18. *Psychoneuroses, psychasthenia, hysteria and neurasthenia*, the group of emotional instability, was found at camp in 463 cases, all but 19 of which were rejected. These were ordered rejected in Physical Examination Standards, No. 2, for mobilization camps; and in the instructions for medical advisory boards (Physical Examination Standards, No. 5) it is stated:

Registrants who have been actually and continually incapacitated for a period of six months prior to May 18, 1917, from symptoms of hysteria, neurasthenia, psychasthenia, constitutional psychopathic state, etc., should be rejected.

Others, although presenting hysterical stigmata or even hysterical paralysis, should be accepted.

This group of neurasthenia and hysteria constituted one of the large groups of admission to sick report, since there were 1,949 cases

admitted in 1917 with a total of 34,374 days lost. During the same period there were 237 discharges for disability from this cause.

The geographical distribution of the psychoneuroses discovered at mobilization camps is shown in Tables 47 and 48 and Plates III, XIV, and XVII.

TABLE 47.—*Number of cases of psychoneuroses, psychasthenia, hysteria and neurasthenia found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Florida.....	7	1.18	Tennessee.....	5	0.34
South Carolina.....	11	1.10	Texas.....	12	.34
Oregon.....	4	1.03	Georgia.....	7	.34
North Carolina.....	12	.80	Montana.....	4	.34
Kansas.....	8	.80	Wisconsin.....	5	.27
Iowa.....	16	.78	South Dakota.....	1	.25
Missouri.....	19	.76	Rhode Island.....	1	.25
Arkansas.....	7	.68	New York.....	22	.24
Mississippi.....	6	.68	Utah.....	1	.21
Maine.....	2	.60	Michigan.....	9	.21
Massachusetts.....	18	.60	Indiana.....	4	.18
Alabama.....	9	.55	Minnesota.....	5	.18
Delaware.....	1	.52	North Dakota.....	1	.15
Connecticut.....	7	.51	Colorado.....	1	.15
Vermont.....	1	.48	Washington.....	2	.14
California.....	15	.42	Pennsylvania.....	8	.10
Oklahoma.....	8	.40	Maryland.....	1	.10
Illinois.....	28	.39	New Jersey.....	3	.09
Louisiana.....	5	.39	West Virginia.....	1	.08
Kentucky.....	6	.38	Virginia.....	1	.05
Ohio.....	19	.37	State not specified.....	156	1.52
Nebraska.....	4	.36	Total.....	463	.46

No cases in Alaska, Arizona, District of Columbia, Idaho, Nevada, New Hampshire, New Mexico, and Wyoming.

TABLE 48.—*Number of cases of constitutional psychopathic states found in approximately the first million men examined at mobilization camps; showing also the ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Delaware.....	5	2.62	District of Columbia.....	1	0.22
Colorado.....	9	1.33	Massachusetts.....	6	.20
Alabama.....	16	.98	New York.....	18	.20
Vermont.....	2	.96	Tennessee.....	3	.20
Nevada.....	1	.69	Florida.....	1	.17
Missouri.....	15	.60	Michigan.....	7	.17
Kansas.....	6	.60	West Virginia.....	2	.16
Mississippi.....	4	.45	North Dakota.....	1	.15
Utah.....	2	.43	Ohio.....	8	.15
California.....	15	.42	Kentucky.....	2	.13
Connecticut.....	5	.37	Indiana.....	3	.13
Nebraska.....	4	.37	North Carolina.....	2	.13
New Mexico.....	1	.35	Illinois.....	8	.11
Iowa.....	7	.34	New Jersey.....	3	.10
Georgia.....	7	.33	Virginia.....	2	.10
Maine.....	1	.30	Montana.....	1	.08
Minnesota.....	8	.29	Pennsylvania.....	6	.08
Arizona.....	1	.26	Texas.....	3	.08
Oklahoma.....	5	.25	Wisconsin.....	1	.05
Rhode Island.....	1	.25	State not specified.....	112	1.10
South Dakota.....	1	.25	Total.....	309	.31
Washington.....	3	.22			

No cases in Alaska, Arkansas, Idaho, Louisiana, Maryland, New Hampshire, Oregon, South Carolina, and Wyoming.



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TABLE 49.—*Number of cases of drug addiction found in approximately the first million men examined at mobilization camps; showing also ratios per thousand men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Florida.....	5	0.84	Louisiana.....	3	0.24
New York.....	66	.74	Washington.....	3	.22
Nevada.....	1	.69	Iowa.....	4	.20
Oklahoma.....	11	.55	Kentucky.....	3	.19
Wyoming.....	1	.52	Massachusetts.....	5	.17
Oregon.....	2	.51	New Jersey.....	4	.14
California.....	18	.50	Texas.....	5	.14
Connecticut.....	6	.44	Illinois.....	9	.12
New Hampshire.....	1	.44	Mississippi.....	1	.11
Utah.....	2	.43	Wisconsin.....	2	.10
Kansas.....	4	.40	Maryland.....	1	.10
Missouri.....	9	.36	Arkansas.....	1	.10
New Mexico.....	1	.35	West Virginia.....	1	.06
South Carolina.....	3	.30	North Carolina.....	1	.07
Maine.....	1	.30	Michigan.....	3	.07
Colorado.....	2	.30	Virginia.....	1	.05
Tennessee.....	4	.27	Ohio.....	2	.04
Nebraska.....	3	.27	Pennsylvania.....	1	.01
Arizona.....	1	.26	State not specified.....	86	.84
Rhode Island.....	1	.25			
Idaho.....	1	.25	Total.....	286	.29
Minnesota.....	7	.25			

No cases in Alabama, Alaska, Delaware, District of Columbia, Georgia, Indiana, Montana, North Dakota, South Dakota, and Vermont.

The distribution of cases in Plate XIV, middle figure, runs strongly in accordance with the grouping of States by camps; thus the highest percentage of cases is found in the three States tributary to Camp Jackson, the four States tributary to Pike, and two or three of the States tributary to Funston. Very little was found in the States tributary to Camp Lewis excepting Oregon and California. Relatively little was found in the States tributary to Gordon, though they are situated between Jackson and Pike. Similarly very little was found in the States tributary to Lee and to Meade. On the other hand a relatively large amount was found in the States tributary to Camp Devens, excepting New Hampshire. The remaining States showed an intermediate amount of psychoneuroses discovered at camp.

In view of the fact that admission to sick report for psychoneuroses was considerably higher in the colored than white troops it is possible that the relative abundance of these diseases in the southeast is due to the larger proportion of the colored race in the population of those States. The high proportion given for the State of Oregon is striking, but no data are available for an explanation. The cases of drug addiction are few in number. The distribution of cases found in camps are given in Table 49 and Plates IX and XXIII.

19. *Pulmonary diseases.*—There were 4,911 cases of pulmonary tuberculosis discovered at mobilization camps, and of these 4,519 were rejected or 92 per cent.



The Physical Examination Standards have always required rejection of pulmonary tuberculosis while recognizing the difficulty of detecting dormant cases. Thus General Orders, No. 66, paragraph 140, read:

Pulmonary tuberculosis is a cause for rejection.

Physical Examination Standards, No. 1, direct boards to reject diseases of lungs.

Physical Examination Standards, No. 2, for mobilization camps required that—

Men under weight, or with sunken or deformed chests, should be considered with special care, and if the conditions are marked, should be classed as doubtful, even though definite signs of tuberculosis are not detected.

Detailed lists of signs to be looked for are given in circular No. 20, S.G.O., 1917, including observations with the stethoscope, bacteriological examination of sputum, and the study of X-ray negatives. Practically in all camps the diagnosis at the physical examination was exclusively made with the stethoscope.

Physical Examination Standards, No. 3, for local boards, November, 1917, give diseases of lungs as a cause for rejection. It is stated, furthermore:

A history of pulmonary tuberculosis should be taken into consideration in connection with the physical examination of the lungs, but undue weight should not be given to statements not supported by physical signs.

Physical Examination Standards, No. 4, for local boards, February, 1918, specify:

The chest should be auscultated during respiration. All men who show moist sounds during cough or during respiration should be referred to the medical advisory board.

All registrants should be referred to the medical advisory board in whom at this examination there is well-marked dullness on percussion, increased transmission of the voice, harsh respiration, and prolonged expiration even though there be no râles present.

Accept registrants when the examinations noted above are distinctly negative, and the physician of the local board is of the opinion that there is no evidence of disease of the pleura, lungs, and mediastinum.

Refer all other cases to the medical advisory board.

Reject no registrants for diseases of the lungs, pleura, mediastinum, and chest wall except men with tuberculosis or other diseases of lungs, pleura, and mediastinum, who are confined to their beds, when verified histories establish unmistakably the existence and long duration of disease.

Physical Examination Standards, No. 5, for medical advisory boards, reported essentially the directions given in Circular No. 20, S. G. O., 1917.

Owing to the great difficulty of establishing tuberculosis of the lungs by the methods of auscultation it is not surprising that during the year 1917 there were admitted to sick report 7,381 cases with tuberculosis of the lungs and 39 others with miliary tuberculosis, acute, being 10.9 per thousand of the mean strength of the Army; also

114 deaths occurred from pulmonary tuberculosis during the year, and there were 192,486 days lost, or about 0.8 per thousand of the total number of days spent by the mean strength of the Army during the year. There were 3,647 men discharged from the Army for disability on account of pulmonary tuberculosis, and this was much the largest single cause for discharge for disability. It is clear, therefore, that the methods employed at physical examination for detection of tuberculosis are far from satisfactory. The distribution over the United States of the total defects found at mobilization camps is shown in Table 50 and Plates I and XIII. It appears at a glance that the highest rates are found in the Southern States, the lowest rates in the States adjacent to the Great Lakes and North Dakota. The lower Mississippi appears also as a region of much tuberculosis, doubtless on account of the large proportion of colored persons in the population, who are, as is well known, especially liable to this disease. There is a heavy incidence of tuberculosis in Arizona, New Mexico, Colorado, and California, States which have been much resorted to by persons having tuberculosis of the lungs. The small amount of tuberculosis in the States of Tennessee and Maryland is perhaps to be accounted for by the low rate of rejection in Camps Gordon and Meade, to which these States are tributary. Of the relatively unimportant disease, common asthma, the distribution of cases found is shown in Table 51 and Plates I and XIII.

TABLE 50.—*Number of cases of tuberculosis, pulmonary, found in approximately the first million men examined at mobilization camps, showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Arkansas.....	224	21.78	Washington.....	64	4.73
Mississippi.....	105	11.90	South Dakota.....	19	4.73
New Mexico.....	33	11.63	Iowa.....	94	4.57
North Carolina.....	165	10.87	Idaho.....	18	4.41
Arizona.....	37	9.50	Nebraska.....	45	4.12
South Carolina.....	95	9.48	Utah.....	19	4.08
Louisiana.....	119	9.33	Indiana.....	85	3.62
Colorado.....	62	9.16	Michigan.....	147	3.48
Missouri.....	229	9.10	Oklahoma.....	63	3.17
Kentucky.....	126	7.94	New Jersey.....	97	3.17
Maine.....	26	7.78	Montana.....	34	2.89
Florida.....	45	7.53	New York.....	254	2.84
Vermont.....	15	7.21	Oregon.....	11	2.82
Rhode Island.....	28	7.07	Illinois.....	197	2.80
California.....	251	7.00	Wisconsin.....	43	2.32
Kansas.....	69	6.92	Ohio.....	112	2.08
Delaware.....	13	6.81	District of Columbia.....	9	2.00
Georgia.....	140	6.68	Tennessee.....	28	1.91
Alabama.....	103	6.33	Pennsylvania.....	113	1.44
Massachusetts.....	184	6.10	Nevada.....	2	1.39
West Virginia.....	74	5.87	Minnesota.....	37	1.34
Wyoming.....	11	5.69	North Dakota.....	8	1.21
Connecticut.....	73	5.34	Maryland.....	4	.40
New Hampshire.....	12	5.25	State not specified.....	910	8.93
Virginia.....	89	4.79			
Texas.....	170	4.74	Total.....	4,911	4.94

No cases in Alaska.

TABLE 51.—*Number of cases of asthma found in approximately the first million men examined at mobilization camps, showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Louisiana.....	38	2.98	Texas.....	21	0.59
Florida.....	14	2.34	Mississippi.....	5	.56
Vermont.....	3	1.44	Georgia.....	11	.53
Alabama.....	21	1.29	Indiana.....	12	.51
Arkansas.....	13	1.26	Washington.....	7	.51
Connecticut.....	17	1.25	Kentucky.....	8	.50
North Carolina.....	19	1.25	Illinois.....	34	.48
South Carolina.....	12	1.20	Missouri.....	12	.48
Massachusetts.....	35	1.16	Nebraska.....	5	.46
Delaware.....	2	1.05	New York.....	34	.38
Arizona.....	4	1.03	New Jersey.....	11	.36
Maine.....	3	.90	Pennsylvania.....	23	.29
New Hampshire.....	2	.87	Idaho.....	1	.25
West Virginia.....	11	.87	Rhode Island.....	1	.25
Utah.....	4	.86	District of Columbia.....	1	.22
Montana.....	10	.84	Ohio.....	11	.21
Oregon.....	3	.77	Wisconsin.....	4	.21
North Dakota.....	5	.76	Maryland.....	2	.20
Michigan.....	32	.75	Tennessee.....	3	.20
South Dakota.....	3	.75	Minnesota.....	5	.18
Colorado.....	5	.74	Virginia.....	3	.16
Iowa.....	15	.73	Oklahoma.....	3	.15
Nevada.....	1	.69	State not specified.....	104	1.02
California.....	23	.64			
Kansas.....	6	.60	Total.....	622	.63

No cases in Alaska, New Mexico, and Wyoming.

20. *Defective hearing.*—This defect was found in 579 cases in the examination of the first 994,206 men. Of these, 368 or 63 per cent were rejected. Thus, though defective hearing is not found in a large number of cases, yet the percentage of rejection for this defect is relatively high.

Physical Examination Standards respecting hearing have been fairly uniform and stringent. Physical Examination Standards, No. 0, paragraph 39, prescribes:

The hearing will be tested by the whispered voice at 20 feet, the examiner using his residual air to produce the whisper. The applicant should stand with his back to the examiner while an assistant closes each of the applicant's ears in succession by pressing his finger firmly on the tragus.

Physical Examination Standards, No. 1, section 2, paragraph K, is as follows:

To determine the acuity of hearing, place the applicant facing away from an assistant who is 20 feet distant and direct him to repeat promptly the words spoken by the assistant. If he can not hear the words at 20 feet, the assistant should approach foot by foot, using the same voice, until the words are repeated correctly. Examine each ear separately, closing the other ear by pressing the tragus firmly against the meatus. The examiner, whose hearing should be normal, faces in the same direction as the candidate and closes one of his own ears in the same way as a control. The assistant should use a low conversational voice (not a whisper), just plainly audible to the examiner, and should use numerals, names of places, or other words or sentences until the condition of the applicant's hearing is evident. The acuity of hearing is expressed in a fraction the numerator of which is the distance in feet at which the

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words are heard by the candidate and the denominator the distance in feet at which the words are heard by the normal ear; thus 20/20 records normal hearing, 10/20 imperfect hearing, etc.

Physical Examination Standards, No. 2, state:

The minimum of hearing which permits acceptance is as follows: With both ears open the hearing should not be below 10/20. One ear may be completely deaf but the other should have one-half normal hearing, that is 10/20.

Physical Examination Standards, No. 3, state:

Hearing with both ears open should not be below 10/20.

Physical Examination Standards, No. 4, specify:

Reject when it can be absolutely proven that the registrant is totally deaf in both ears. Accept when hearing in both ears is above the standard of 10/20. Refer to the Medical Advisory Board when the hearing is below the standard of 10/20 in one or both ears, or there is *complete deafness in one ear*.

Physical Examination Standards, No. 5, state:

Registrants can not be accepted for general military service unless the hearing in both ears is 10/20 or above.

TABLE 52.—*Number of cases of defective hearing found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Maine.....	10	2.99	Michigan.....	22	0.52
Connecticut.....	24	1.78	Wyoming.....	1	.52
Delaware.....	3	1.57	Arizona.....	2	.51
Vermont.....	3	1.44	South Carolina.....	5	.50
Florida.....	8	1.34	New York.....	40	.44
New Hampshire.....	3	1.31	District of Columbia.....	2	.44
Rhode Island.....	5	1.27	Illinois.....	29	.41
Louisiana.....	16	1.25	Oklahoma.....	8	.40
Mississippi.....	11	1.24	Tennessee.....	6	.40
Massachusetts.....	35	1.16	Wisconsin.....	7	.37
Kentucky.....	18	1.13	Alabama.....	5	.31
Utah.....	5	1.07	Ohio.....	16	.30
North Carolina.....	16	1.05	Oregon.....	1	.26
Montana.....	10	.84	Minnesota.....	7	.26
Georgia.....	17	.81	Idaho.....	1	.25
South Dakota.....	3	.75	Pennsylvania.....	18	.22
Nevada.....	1	.69	Virginia.....	4	.21
Indiana.....	16	.68	Arkansas.....	2	.19
New Jersey.....	20	.66	West Virginia.....	2	.16
Missouri.....	16	.64	North Dakota.....	1	.15
Kansas.....	6	.60	Maryland.....	1	.10
Washington.....	8	.59	Nebraska.....	1	.09
California.....	20	.56	State not specified.....	94	.92
Texas.....	19	.53			
Iowa.....	11	.53	Total.....	579	.58

No cases in Alaska, Colorado, and New Mexico.

TABLE 53.—Number of cases of diseases of the nose found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
North Carolina.....	31	2.05	Vermont.....	1	0.48
Alabama.....	23	1.40	Tennessee.....	7	.47
West Virginia.....	14	1.11	Mississippi.....	4	.45
Colorado.....	7	1.04	Minnesota.....	11	.40
Louisiana.....	12	.94	Ohio.....	21	.40
North Dakota.....	6	.90	Illinois.....	25	.35
New Jersey.....	25	.81	California.....	11	.32
Texas.....	28	.78	Kentucky.....	5	.31
South Dakota.....	3	.75	Michigan.....	13	.31
Arkansas.....	7	.68	Kansas.....	3	.30
Nebraska.....	7	.63	Georgia.....	6	.30
Maine.....	2	.60	District of Columbia.....	1	.22
Oklahoma.....	12	.60	Utah.....	1	.21
Iowa.....	12	.58	South Carolina.....	2	.20
Virginia.....	10	.54	Florida.....	1	.17
Delaware.....	1	.52	Wisconsin.....	2	.10
Missouri.....	13	.52	Maryland.....	1	.10
Pennsylvania.....	41	.52	Montana.....	1	.08
Wyoming.....	1	.52	Washington.....	1	.07
Arizona.....	2	.51	Connecticut.....	1	.07
Indiana.....	12	.51	State not specified.....	73	.72
Massachusetts.....	15	.50			
Rhode Island.....	2	.50			
New York.....	44	.49	Total.....	521	.53

No cases in Alaska, Idaho, Nevada, New Hampshire, New Mexico, and Oregon.

TABLE 54.—Number of cases of diseases of skin found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Delaware.....	9	4.71	Kentucky.....	24	1.50
Florida.....	23	3.84	Tennessee.....	22	1.50
South Carolina.....	31	3.10	Michigan.....	62	1.46
New Hampshire.....	6	2.62	Vermont.....	3	1.44
North Carolina.....	38	2.51	New Mexico.....	4	1.40
Alabama.....	40	2.45	Pennsylvania.....	108	1.37
Maine.....	8	2.40	Minnesota.....	37	1.34
Connecticut.....	31	2.27	Wisconsin.....	25	1.34
Virginia.....	42	2.26	Louisiana.....	17	1.33
Nevada.....	3	2.08	New Jersey.....	40	1.31
Iowa.....	42	2.04	Oklahoma.....	25	1.25
California.....	70	1.96	Idaho.....	5	1.24
Montana.....	23	1.93	Massachusetts.....	34	1.13
Kansas.....	19	1.90	West Virginia.....	14	1.11
Oregon.....	7	1.80	Mississippi.....	9	1.02
Washington.....	24	1.78	South Dakota.....	4	1.00
Utah.....	8	1.71	Arkansas.....	10	.97
Illinois.....	118	1.68	North Dakota.....	6	.90
Colorado.....	11	1.63	Indiana.....	20	.84
Missouri.....	41	1.63	Maryland.....	6	.60
Georgia.....	33	1.58	Arizona.....	2	.52
Texas.....	56	1.56	Rhode Island.....	2	.50
Wyoming.....	3	1.56	District of Columbia.....	2	.44
Nebraska.....	17	1.55	State not specified.....	186	1.83
New York.....	138	1.54			
Ohio.....	82	1.53	Total.....	1,590	1.58

No cases in Alaska.

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TABLE 55.—*Number of cases of defective or deficient teeth and dental caries found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
Massachusetts.....	644	21.34	Indiana.....	65	2.77
Vermont.....	33	13.28	Alabama.....	43	2.64
Rhode Island.....	70	17.68	Illinois.....	179	2.54
New Jersey.....	529	17.33	Oklahoma.....	15	2.11
Maine.....	52	15.55	Oregon.....	8	2.06
New Hampshire.....	34	14.86	Tennessee.....	29	1.97
Connecticut.....	156	11.43	Ohio.....	90	1.67
Georgia.....	208	9.93	Virginia.....	30	1.61
New York.....	744	8.32	West Virginia.....	18	1.42
Michigan.....	326	7.72	Pennsylvania.....	109	1.38
Delaware.....	14	7.83	District of Columbia.....	6	1.33
Montana.....	86	7.80	Arkansas.....	13	1.26
Utah.....	28	6.02	Texas.....	45	1.25
Washington.....	81	5.99	Maryland.....	12	1.21
California.....	207	5.78	New Mexico.....	3	1.05
Wyoming.....	11	5.70	South Dakota.....	4	1.00
Florida.....	33	5.52	Nebraska.....	9	.82
Idaho.....	19	4.66	Arizona.....	3	.77
Kentucky.....	69	4.35	North Dakota.....	5	.75
Mississippi.....	38	4.31	Colorado.....	5	.74
North Carolina.....	62	4.09	Iowa.....	10	.48
Louisiana.....	52	4.08	Kansas.....	4	.40
Wisconsin.....	73	3.92	Missouri.....	8	.32
South Carolina.....	37	3.69	State not specified.....	516	5.06
Nevada.....	5	3.46			
Minnesota.....	78	2.83	Total.....	4,923	4.96

No cases in Alaska.

TABLE 56.—*Number of cases of curvature of the spine and scoliosis found in approximately the first million men examined at mobilization camps; showing also ratios per 1,000 men examined from each State.*

State.	Number of cases.	Ratio per 1,000 men examined from each State.	State.	Number of cases.	Ratio per 1,000 men examined from each State.
New Hampshire.....	8	3.50	Louisiana.....	7	0.55
Maine.....	8	2.39	Michigan.....	23	.55
Idaho.....	8	1.97	Arizona.....	2	.51
Vermont.....	4	1.92	Rhode Island.....	2	.51
North Carolina.....	25	1.64	Florida.....	3	.50
Virginia.....	30	1.61	Pennsylvania.....	38	.48
Montana.....	15	1.27	Wisconsin.....	9	.48
California.....	44	1.23	Indiana.....	10	.43
Illinois.....	80	1.14	Utah.....	2	.43
Connecticut.....	15	1.10	New Jersey.....	13	.42
Delaware.....	2	1.05	Minnesota.....	11	.40
Colorado.....	7	1.03	Arkansas.....	4	.39
Massachusetts.....	29	.97	Nebraska.....	4	.37
South Carolina.....	9	.90	Texas.....	13	.37
Washington.....	12	.89	New Mexico.....	1	.35
Georgia.....	17	.81	Mississippi.....	3	.34
Kansas.....	8	.80	Oregon.....	1	.26
Missouri.....	20	.80	Oklahoma.....	5	.25
Alabama.....	13	.79	South Dakota.....	1	.25
Tennessee.....	11	.75	West Virginia.....	3	.24
Nevada.....	1	.69	Iowa.....	4	.20
Ohio.....	37	.69	Maryland.....	1	.10
District of Columbia.....	3	.66	State not specified.....	112	1.10
North Dakota.....	4	.60			
New York.....	52	.59	Total.....	743	.75
Kentucky.....	9	.57			

No cases in Alaska and Wyoming.



IX. A COMPARISON OF THE INCIDENCE OF DEFECTS IN URBAN AND RURAL DISTRICTS.

In the following study registrants will be divided into two groups, (a) those who came from cities, and (b) those who came from rural districts. The present study is concerned with the men accepted and rejected at mobilization camps, and hence is an attempt at a study of the relative frequency in the cities and rural districts of the various States of the defects that were causes for rejection.

The line between cities and rural districts was drawn by the following criterion: All counties having only one local board were considered rural districts. Those having two or more local boards were considered as cities or densely populated counties. The selective-service law, approved May 18, 1917, provided:

The President is hereby authorized, in his discretion, to create and establish throughout the several States and subdivisions thereof and in the Territories and the District of Columbia, local boards, and where, in his discretion, practicable and desirable, there shall be created and established one such local board in each county or similar subdivision of each State; and one for approximately each 30,000 population in each city of 30,000 population or over, according to the last census taken or estimates furnished by the Bureau of Census of the Department of Commerce.

It may be concluded consequently that the line between rural districts and cities in our tables is drawn at about 45,000 inhabitants. Cities that were provided with local boards independent of the county in which they were located (and which had fewer than 45,000 inhabitants) were classed as urban districts.

Though this method may have led to some proceedings which might be difficult to justify, still it led (on the whole) to a fair assorting of the local boards into the desired groups.

It is now proposed to take up in order some of the principal defects found at mobilization camps, and to make a comparison with the percentage of rejections in the two classes of local board districts. The data for this analysis are brought together in the large Tables XVI-XIX and the small Tables XV and XX.

The following table gives the frequency of each of the classes of recruits examined from rural and urban districts and the four large cities, respectively, and gives the results of classification at camp:

Number of recruits from urban districts.....	377, 020	
		Per cent of urban.
Accepted without defect.....	232,787	61. 74
Accepted with defect.....	126, 268	33. 49
Rejected.....	17, 965	4. 77



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Number of recruits from rural districts.....	506, 965	
		Per cent of rural.
Accepted without defect.....	338, 356	66. 74
Accepted with defect.....	143, 446	28. 30
Rejected.....	25, 163	4. 96
Total urban and rural recruits.....	883, 985	
Distribution unknown.....	110, 221	
Grand total.....	994, 206	
Number of recruits examined from Chicago, Ill.....	43, 346	
Number of recruits examined from Boston, Mass.....	14, 268	
Number of recruits examined from New York, N. Y.....	84, 016	
Number of recruits examined from Philadelphia, Pa.....	30, 784	

1. *Tuberculosis, pulmonary.*—There were altogether during the period under consideration 3,616 men rejected, out of approximately the first million, for pulmonary tuberculosis. Of these, 1,288 came from cities and 2,388 from rural districts, or 3.26 per thousand men examined in the city group and 4.71 per thousand men examined from rural districts (together 4.09 of all men examined). It appears then from these statistics that the incidence of pulmonary tuberculosis as detected at the mobilization camps was more than one-third greater in rural districts than in cities. It does not, however, at once follow that pulmonary tuberculosis is present in larger proportion in the rural than in the city population, for the men examined represented a population from which the tubercular had been already subtracted by the local boards. The completeness with which this preliminary elimination took place depended upon the efficiency of the examiners at the local boards. The result may well be accounted for on the assumption that the local boards of rural districts were less efficient in detecting and eliminating tuberculosis than were the local boards of cities. On this matter we may consider the ratio of all rejections to number of men examined, for the city column and for the rural district column. These ratios are, respectively, 47.65 and 49.63. There is consequently an excess of 1.89 in the rural districts, or, as compared with the ratio from the cities, an excess of about 4 per cent. It may be concluded, therefore, that either examiners at the local boards in the rural districts were relatively less efficient in detecting tuberculosis in the recruits than in detecting other defects, or else that there is a real excess of active pulmonary tuberculosis in the young men 21 to 31 years of age, in the rural districts.

The slight excess in the number of men from the city who were accepted at mobilization camps despite tuberculosis is trivial and not sufficient to account for the great difference found among the men rejected.

2. *Defective vision (cause not stated).*—Into this category were placed as unqualified for any military service 4,789 men. Of these,

2,359 came from the cities and 2,430 from rural districts. Comparing these totals with the total number of men examined from cities and rural districts we have a ratio of 6.26 per thousand of the men examined from cities rejected for defective vision and 4.79 per thousand of men from rural districts rejected for this cause. We may then conclude that a larger proportion of men from the cities showed defects of vision warranting rejection than did men from rural districts, in the proportion of 100 to 76. Comparing with this result the proportion of men with defective vision (cause not stated), who were nevertheless accepted as qualified with a given defect, we find a confirmation of the above conclusion, since 2.64 per thousand of men from the cities were accepted despite defective vision and only 2.25 from rural districts.

It is not easy to interpret this result. Some might find it evidence of the injurious effect of the smoke and dust of cities, others might draw the conclusion that a greater attention to books and details of clerks, students, and others in cities, was responsible for the result. It might with equal reason be explained by the greater tendency of certain races with hereditary liability to defective sight to segregate in the great cities.

3. *Otitis media*.—This cause of rejection was found in a marked degree in 1,489 cases, of which 813 came from cities and 686 from rural districts. This per mille gives 2.16 for cities and 1.35 for rural districts; that is to say, the occurrence of otitis media in a degree requiring rejection was about 60 per cent commoner in the cities than in the rural districts. Of the relatively few cases of otitis media so slight as not to interfere with acceptance for general military service as find the ratio of city to rural dwellers as 0.54 is to 0.65, a difference which is not sufficient to alter appreciably the great difference already noted.

In seeking for the significance of the excess of otitis media in city dwellers we look for the ratio of incidence in the large cities of Chicago, Boston, New York, and Philadelphia, which have been taken off separately in our tables. We find the ratio of rejections for otitis media from Chicago to be 2.88; from Boston, 1.39; from New York City, 5.40; and from Philadelphia, 0.58. It appears, therefore, that in Chicago the rate of incidence of severe otitis media is about 1.7 times the average incidence of severe otitis media in the whole country; in New York, over three times; in Boston its occurrence is slightly less than the average of the whole country; and in Philadelphia only about one-third. It appears then probable that the highest incidence of otitis media is in the largest and most densely populated cities, which contain the greatest "slum areas;" and the largest proportion of foreign stock. It is possible that in some of these peculiarities lie the causes of great incidence of otitis media in Chicago and New York.

Considering now the distribution by States of incidence of otitis media, it appears that there is nearly double the amount in the cities of California as in the average city and two and one-half times the amount in the rural districts of California as in rural districts in general. Also in Florida the occurrence is about one and one-half times that of cities and rural districts. Other States having a high incidence of otitis media are Maine, where the cities have about double the normal; Utah, where the cities have nearly double the normal and rural districts nearly three times the normal. The States characterized by a low rate of severe otitis media are Arkansas, 0.81 for cities and 0.56 for rural districts; Louisiana, 1.30 for cities and 0.80 for rural districts; Maryland, 0.57 for cities and 0.66 for rural districts; Pennsylvania, 0.59 for cities and 0.46 for rural districts; South Carolina, 0.60 and South Dakota 0.53, both for rural districts; Tennessee, 0.78 for cities and 0.20 for rural districts; Virginia, 0.13 for rural districts.

It will be noted that a large proportion of the States with low ratio of otitis media are Southern States, and this is in part to be accounted for by the circumstance that the colored population is less apt to have otitis media in a severe form than the white population. Thus, in the year 1917 there were admitted to sick report in the total Army 10.64 per thousand of mean strength of the white recruits and 5.48 per thousand of colored recruits.

4. *Mitral insufficiency*.—Into this category were placed the total of 2,685 men who were rejected on account of this defect. Of these, 1,962 came from cities and 1,623 from rural districts. Thus we see there was an excess of nearly 60 per cent in incidence of mitral insufficiency in recruits from rural districts. In cases of the minor degrees of mitral insufficiency the number of men accepted is 515 from cities and 716 from rural districts, again with marked excess of men from rural districts. Passing now to the ratios we find that of the severe cases of mitral insufficiency 2.82 were found in recruits coming from the cities and 3.20 in those coming from rural districts, an excess of about 16 per cent in men coming from rural districts. The difference is not a great one and is sufficiently explained by the slightly larger proportion of rejected from rural districts, possibly due to the less thorough examination made by the local boards in such districts; or, again, possibly due to a more rigid elimination of men coming to mobilization camps that were supplied from prevailing rural districts.

Among the States showing a great excess of mitral insufficiency are California, with nearly double the average amount in both cities and rural districts; Maine, with more than twice the average in cities and slightly more than the average in rural districts; Michigan with two and one-half times the average in cities and three and one-

half in rural districts; Montana, with three times the normal for cities and one and six-tenths times the normal for rural districts; Utah, with over twice the normal for cities and nearly three times the normal for rural districts; Vermont, with nearly three times the average for cities and about the average for rural districts; Washington, with two and one-half times the average for cities and one and eight-tenths times the average for rural districts. It will be seen that the States having an excess of rejections for mitral insufficiency are largely those tributary to Camp Lewis, such as California, Utah, Montana, and Washington. As noted elsewhere, there is evidence that the cardio-vascular examiners at this camp rejected an abnormally large number of recruits for mitral insufficiency. This is believed to be due to the idiosyncrasies of the examiners rather than any peculiarity of the population. The idiosyncrasies of this camp thus account in part for the high rejections from "rural districts."

5. *Defective or deficient teeth.*—Of this defect in a degree sufficiently severe to warrant rejection there were found 3,371 cases. Of these, 3.85 per thousand came from cities and 3.79 from rural districts. This suggests a very slight inferiority of the teeth of the city dwellers. This difference, however, can not be clearly ascribed to this cause, since the excess may be due entirely to the idiosyncrasies of examiners at camps drawn from densely populated areas. Thus, as Plate XXI shows, there was an excess of rejections for defective teeth from Camp Devens, to which densely populated New England was tributary.

6. *Hernia.*—Hernia is a cause for rejection only when irremediable, although in the earlier months of the draft the regulations specified its rejection in the majority of cases. There were rejected on account of hernia 2,808 recruits who arrived at mobilization camps, and in addition 9,969 were accepted despite defect. In both the minor and graver forms of the defect there was an excess of hernia found among the recruits from the cities. Thus, in the degree which led to rejection there were 3.46 per thousand from the cities and 2.96 from rural districts. In the minor degree there were 23.48 per thousand from the cities and 19.09 from rural districts. This difference would appear to indicate a greater tendency toward hernia in city-bred young men, but one can not from this fact conclude that there is anything in city life that tends toward hernia. A priori one would expect that the greater liability to strain in lifting and pulling among farmers than among persons in clerical and factory positions would lead to an excess of hernia in the country; however, there is heavy trucking, stevedore work, etc., in cities. It is possible that the difference is due to a difference in the racial stock of those living in the cities and in the country, respectively. It may be that the population of our large cities is partly made up of certain stocks with congenital weakness in the inguinal muscles and fascia.

To judge of this it would be useful to examine the amount of hernia in different cities. Thus in New York City the rate for hernia is 5.93, or 75 per cent more than in the average of cities. In Chicago the rate is 2.27, or somewhat less than the average of cities. In Boston the rate is 5.01, which is 60 per cent more than the average of cities. In Philadelphia the rate is 0.19, which is an extraordinarily small fraction of the average amount of hernia in cities, something like one-sixteenth. The extraordinarily small amount of rejection for hernia in a recruit from Philadelphia would seem to indicate a very thorough elimination of this defect in the local boards or else, what is the more probable, a lenient attitude of the physical examiners at Camp Dix with reference to this defect. The latter view, moreover, is supported by the fact that 10.52 per thousand of recruits from Philadelphia were accepted at camps despite hernia, which is about the average of acceptances despite hernia in the case of recruits coming from large cities.

7. *Pes planus* (flat-foot).—This is only under certain conditions ground for rejection. It was the basis for rejection in 2,009 cases, and was discovered in 157,676 other cases, which were accepted despite defect. Of the rejections, 2.49 per thousand came from the cities and 2.11 from rural districts. Of the accepted men with flat-foot, 206.78 per thousand came from cities and 157.24 from rural districts. Thus both in the severer and slighter grade there is a marked excess of flat-foot in recruits from cities over recruits from rural districts. In the severer cases this excess is 20 per cent, and in the slighter cases the excess is about 38 per cent.

It is uncertain whether this excess of flat-foot in city dwellers is due to conditions afforded by the city or due to a difference in the constitution of the population of the cities as compared with rural districts. Some light may be thrown on this subject by considering the conditions in the larger cities. Thus in New York City the severer cases of *pes planus* amounted to 1.17 per thousand of recruits examined, which is less than the average of severer cases in cities. Of the minor cases of flat foot, 236.84 per thousand were found in New York City, which is 15 per cent more than the average for cities. For Chicago the rates are, respectively, 3.16 per thousand, which is high for rejected men, and 202.95, which is about the average for accepted men. In Boston the rate for the severer cases of *pes planus* is 6.40, which is considerably more than double the average rate. In Boston again the rate for the milder cases is 312.22, which is more than 50 per cent greater than the average of cities. In Philadelphia the rate for severer cases is 0.32, which is less than one-sixth of the average rate of such cases; while the milder cases were found in 198.15 per thousand in Philadelphia, which is only slightly less than the average of all cities.



We may therefore conclude that, apart from Boston, there is no very marked excess of flat-foot in the great cities over cities in general. The high rate of flat-foot found in Boston may be regarded as perhaps a consequence of the thorough examination given to the feet at Camp Devens.

8. *Underweight*.—This is supposed to be a definite cause of rejection, though examiners were authorized to accept cases in which the lack of weight was apparently due to transitory causes. We find actually 1,478 men rejected for underweight and 972 accepted despite this defect. Of the men rejected for insufficient weight 1.88 came from cities and 1.51 from rural districts. Of the men accepted despite underweight there were 1.43 per thousand from cities and 0.85 from rural districts. Thus in both the more extreme and the slighter cases of insufficient weight there was preponderance of city-reared young men, and this difference amounted to between 0.30 per thousand of men examined to 0.58 per thousand. In fact, recruits from the cities were between 30 and 50 per cent more apt to be underweight than those from the country.

The interpretation of this result is not easy. It would not be fair to conclude that this indicated a superiority in nutritive conditions and hence of growth in the country. The result might equally well be due to a difference in the racial constitution of inhabitants of city and rural districts. Again, it might be due to the circumstance that mobilization camps to which a large proportion of urban population was tributary were more strict in rejecting or, at least, in noting insufficient weight. To test these hypotheses the tables should be examined in more detail.

In order to test the hypothesis that the excess of low stature is due to racial constitution of the population let us compare New York (which contains a large proportion of Polish Jews and South Italians—both short races) with Philadelphia and Boston, which contain relatively a small proportion of short races. The following little table brings together the ratios of rejection and of acceptances despite defect for the cases of underweight for cities:

*Ratios per 1,000 of underweight found at mobilization camps.*

	New York.	Chicago.	Phila- delphia.	Boston.	Average, all cities.
Rejection.....	1.59	0.85	0.32	0.84	1.88
Acceptances despite defect.....	1.00	1.56	0.39	1.11	1.43

Inspection of this table does not support the conclusion that a city like New York with a high proportion of short races in its population gave an excess of underweight cases observed at camps. This must be due to the fact that the local boards very satisfactorily performed

their function of rejecting persons of insufficient weight so that most of them never came to camp. The case of Philadelphia is again peculiar. As already pointed out the total proportion of rejections from Philadelphia was abnormally low, much lower than any other city or the group of cities in any State.

If it is not from the large cities, from whence is derived the disproportionately large number of urban recruits found with underweight at camps?

The following States show a considerable excess of underweight in recruits coming from the cities as compared with those coming from rural districts:

State.	Underweight.		State.	Underweight.	
	Urban ratio.	Rural ratio.		Urban ratio.	Rural ratio.
California.....	12.34	7.87	New Mexico.....	2.39	0.42
Connecticut.....	1.61	.36	Rhode Island.....	3.82	1.28
Kentucky.....	2.20	.67	Texas.....	1.11	.46
Minnesota.....	.41	.06	Wyoming.....	3.12	1.28
Missouri.....	.39	.07			

Of the minor cases of underweight we find marked excess in the recruits from the cities of the following States:

State.	Underweight.		State.	Underweight.	
	Urban ratio.	Rural ratio.		Urban ratio.	Rural ratio.
Idaho.....	6.00	0.57	Kansas.....	4.68	1.52
Illinois (cities outside of Chicago).....	4.13	1.43	New Jersey.....	2.22	.78
Indiana.....	.76	.28	Oregon.....	3.54	.57
			South Carolina.....	1.88	.36

The numerous rejections for underweight in California are probably due to the presence of Oriental races. In Connecticut it is notorious that the representatives of the shorter races are found especially in the cities. Possibly a similar explanation will serve for other States showing an excess of recruits which are underweight and come from the cities.

9. *Chronic alcoholism.*—Next will be considered generally the defects which are much commoner in cities than in rural districts. Of these we have, first, chronic alcoholism, with the ratios for rejection of 0.11 for cities and 0.04 for rural districts; and for acceptance despite the defect of 0.05 for cities and 0.02 for rural districts.

10. *Drug addiction.*—This is a ground of rejection. The ratio of rejections for men coming from cities is 0.39; from rural districts, 0.08. An examination of the table shows that in many States there was no case of rejection on account of drug addiction of men coming



from rural districts. On the other hand, we have in California the ratio of 0.60 for cities and 0.39 for rural districts. In Chicago the ratio is 0.14; in other cities of Illinois, 0.21; in rural districts 0.03. In Kansas (which shows no rejections for acute alcoholism!) the rejections for drug addiction were, from cities, 2.34 per thousand, and rural districts, 0.12. It may be said in passing that this ratio of rejection for drug addiction of 2.34 for the cities of Kansas is the highest ratio of drug addiction given in the table. It does not follow that this high rate of rejection for drug addiction is due to the fact that alcoholic drinks can not be legally sold in Kansas. It may possibly indicate an exceptional leniency on the part of local boards in letting through drug addicts. In Minnesota the ratio of rejection is 0.50 to 0.06 for cities and rural districts, respectively. In New York City the ratio is 1.09; in other cities of the State 0.48 and in rural districts 0.15. In Ohio the ratio is 0.27 and 0.05, respectively. In South Carolina 1.38 and 0.12, respectively. In Texas 0.28 and 0.04, respectively. Altogether the table shows abundantly that addiction to drugs is vastly commoner in young men reared in cities than in those reared in the country, although it is possible (but hardly probable) that the local boards of cities were much more lenient in passing drug addicts than were those of rural districts.

11. *Myopia*.—Another trait that is commoner in recruits from cities than from rural districts is myopia. Thus, 0.54 per thousand of men from cities and 0.37 per thousand of men from rural districts were rejected by mobilization boards, though there was practically no difference in the incidence of the minor grades of this defect.

12. *Varicose veins*.—This was a markedly greater cause of rejection in recruits from cities than from rural districts in the proportion of 0.57 to 0.45. Likewise in its minor grades it was commoner in recruits from the city in the proportion of 1.07 to 0.88. Of recruits from New York City 0.90 per thousand were rejected, whereas from all other cities in New York State only 0.19. From Chicago, 0.66 were rejected for varicose veins and from other Illinois cities 0.37. Of recruits from Boston 1.25 were rejected and from other cities only 1.10. It therefore appears probable that there is some relation between frequency of varicose veins and city-breeding, although it is still possible that there is a racial tendency to varicose veins and that persons who belong to the races with this tendency are more apt to come from large cities than from rural districts.

Among the traits that are found much more commonly in recruits from rural than from urban districts are the following:

13. *Arthritis*.—This as a ground for rejection was found in the cities at the rate of 0.28 per thousand men, and in the rural districts in the ratio of 0.40 per thousand. There is practically no difference between city and country in the rates for arthritis in minor degree.

This observed excess of the severer forms of arthritis in rural districts is in accordance with a widespread popular notion that the greater exposure of persons living in rural districts tends to increase the incidence of inflammatory conditions of the joints. It is, however, quite possible that the greater incidence of this disease in the rural population is due to a greater neglect of the causes that induce arthritis.

14. *Epilepsy*.—The table indicates a slight relative excess of epilepsy in persons from rural districts. This may of course be due to the more rigid elimination of this trait by the local boards of cities. This possibility would, however, be doubtless counterbalanced by the greater knowledge that local boards in rural districts might be supposed to have concerning the life and family history of their registrants. This would lead to the greater rejection of epileptics from rural districts. It is quite probable that the excess of epilepsy in recruits from rural districts is due to the greater amount of inbreeding among the rural than urban folk.

15. *Conjunctivitis, granular (trachoma)*, as a cause of rejection was over three times as common among rural as urban recruits, namely, as 0.53 is to 0.16. To judge how far this apparent difference is a real one, the ratio of occurrence in various cities and States may be considered. In the following States trachoma was observed at mobilization camps only from the rural districts:

	Ratio.		Ratio.
Alabama.....	0.08	North Carolina.....	1.20
Arizona.....	.73	North Dakota.....	.52
Arkansas.....	.22	Oklahoma.....	.63
Florida.....	.52	Pennsylvania.....	1.26
Idaho.....	.57	Tennessee.....	.29
Iowa.....	.06	Utah.....	.38
Kansas.....	.23	Virginia.....	.07
Louisiana.....	.11	Washington.....	.47
Montana.....	.31	West Virginia.....	.19

An inspection of this list shows that it includes practically all the Southern States and a few of those in the North, and indicates that trachoma is prevailingly a rural disease. It does not occur in our tables as a cause of rejection among the recruits from Chicago, Boston, and Philadelphia. It does occur in New York City in the ratio of 0.43. This is doubtless due to its having been imported by immigrants, as the disease is epidemic in certain countries of southeastern Europe, from which immigrants arrive in large numbers to our country. It is to be noted, however, that of the minor grades of trachoma 0.14 per thousand were detected in recruits from Boston.

16. *Endocarditis*.—Another trait which is detected in severe grade in greater proportion in rural than in urban recruits is endocarditis. This greater incidence in rural districts is possibly bound up with the

greater incidence of arthritis. Again, cardiac hypertrophy is about 50 per cent commoner, in severe form, in rural than in urban districts, or at least in recruits coming to camps from such districts.

17. *Asthma*.—This is also commoner as a cause of rejection in men reared in rural than in urban districts in proportion of 0.56 to 0.42.

18. *Skin diseases*.—Various skin diseases are also commoner from rural districts and fibrous ankylosis of the joint is somewhat commoner. This is apt to be a consequence of arthritis and the greater frequency of ankylosis in recruits from rural districts is associated with the greater incidence of arthritis in such recruits. Contracture of joint is about 50 per cent commoner in recruits from rural than from urban districts, and this probably corresponds with a real difference. It is a common experience of medical examiners to find the hands of farm workers rigid and incapable of plasticity at the joints. In some cases this is occupational—as for example, in dairymen.

19. *Pronated feet*.—This defect was three times as common as a cause of rejection of recruits from rural districts as from cities, but in its less pronounced form it was nearly equally common in the two kinds of districts. Indeed, in the case of some of the larger cities, like Chicago and New York, there was no recruit rejected for pronated foot.

20. *Malunion of fractures*.—Among the malunions of fractures we find a slightly greater incidence in recruits from rural than from urban districts. This is probably due to the greater liability to accident of persons engaged in agriculture, and also the inferior surgical attention which accidents in rural districts are apt to receive.

21. *Summary of the comparison of defects found in recruits from urban and rural districts at mobilization camps*.—Table 18 shows for each of about 150 selected diseases the number and ratio per thousand men examined both for urban and for rural districts. This table consequently summarizes the results already discussed. By the aid of signs, plus and minus, attention is directed to those defects which are prevailingly rural or urban. Prevailingly rural defects have a ratio  $\frac{R}{U}$  greater than one. Defects which are commoner in urban districts have a ratio less than one. Defects of some sort were found in 38.2 per cent of the urban and 33.2 per cent of the rural recruits.

We see here at once that the prevailingly rural defects are: Infectious diseases, tuberculosis, all forms; venereal diseases, except syphilis; benign tumors; arthritis; nearly all nervous diseases, except paralysis of muscle and tabes dorsalis; all mental diseases, except alcoholic psychosis; conjunctivitis of all forms; cataract, pterygium, retinitis, amblyopia, and nystagmus; most diseases of the nose except nasal polypus; respiratory defects except pleurisy; ankylosis and malunion of fractures.

On the other hand the table shows that prevailingly urban defects are: Goiter; alcoholism and drug addiction, alcoholic psychosis; defects of optical focusing, color blindness and glaucoma; otitis media and perforated ear drum; functional heart disorders; pleurisy, fibrinous; defective and deficient teeth; enlarged inguinal rings and hernia; bunions, hammer toe, flat feet, pronated feet, and otherwise deformed feet; scars on head; defective physical development, overweight and underweight; failure of descent of testicle.

22. *Comparison of four large cities with each other and with the urban and rural population.*—Table XX gives for four leading cities of which the data were tabulated separately the proportion of men accepted at mobilization camps with defect and those rejected at mobilization camps. The cities selected are Chicago (Ill.), Boston (Mass.), New York (N. Y.), and Philadelphia (Pa.). The four cities are arranged in alphabetical order of the State in which they occur.

In this table are given the ratio of the total urban, total rural, and total of urban and rural added together. They are given for comparison with the ratios of the different diseases and defects of these four cities.

The total ratios of defects found in accepted men and rejected men for each of these four cities is given in the following table:

TABLE 57.—*Ratios of defects found at camps in accepted and rejected men from Chicago, Boston, New York, and Philadelphia.*

	Chicago, chiefly at Camp Grant.	Boston, chiefly at Camp Devens.	New York, chiefly at Camp Upton.	Philadel- phia, chiefly at Camp Meads.
Accepted <sup>1</sup> .....	Ratio. 317.20	Ratio. 476.61	Ratio. 332.48	Ratio. 321.34
Rejected <sup>2</sup> .....	37.64	77.67	52.70	6.50
Total <sup>3</sup> .....	354.84	554.28	385.18	327.80

<sup>1</sup> Ratio of number accepted with defect to total number from the city examined at mobilization camps.  
<sup>2</sup> Ratio of number rejected to total number from the city examined at mobilization camps.  
<sup>3</sup> Sum of the two ratios; for each of four cities.

As Table 57 shows, the total ratio of defects found in recruits sent from the local boards of Boston exceeds that found in the recruits sent from the local boards of any of the other cities. Indeed, defects were found at mobilization camps in more than half of the men sent from Boston. The next largest ratio of men found with defects is seen in recruits sent by the local boards of New York City. Of these 38½ per cent showed defects. The next highest ratio of defects found at mobilization camps is that of men sent by the local boards of Chicago. Of these 35½ per cent were found to have some noteworthy defect. Finally, less than 33 per cent of the

men sent by the local boards of Philadelphia were found at Camp Meade to have defects.

What is the significance of this diversity in the proportion of men from these four large cities showing defects? Can we ascribe these differences to a difference in the proportion of defective men in the population of these cities? Or is it to be ascribed to a difference in the success with which the local boards of the different cities weeded out the defectives before sending them to the respective mobilization camps? Or is the result due to a difference in the ideals of the examiners at four camps, Grant, Devens, Upton, and Meade, at which the men coming from the four cities were, for the most part, respectively examined?

A careful consideration of the whole matter leads to the conclusion that all of these three possibilities have worked together in producing the result. As reference to Table XV will show, there were fewer rejections from Camp Meade than from any of the other camps listed. Since Camp Meade drew from a large and diverse population, coming from Maryland, District of Columbia, and eastern Pennsylvania, it seems probable that the low proportion of rejections is due to the generous ideals of the examiners at Camp Meade. On the other hand, at Camp Devens 8.6 of the men examined were rejected, with one exception the highest proportion rejected at any camp. It is because the Boston men were so largely examined at Camp Devens that so large a proportion of defects were found in them. The ratio of rejections at Camp Grant, where the Chicago men were mostly examined, and at Camp Upton, where the New York City men were mostly examined, is not precisely known, but in the case of Upton is known to be intermediate between the rejections at Devens and Meade. We may conclude, therefore, that the total proportion of defective men found at these four cities is determined primarily by the ideals of the examiners at the mobilization camps to which the men from these cities were respectively sent.

Despite the prevailing influence upon the total rejections of the ideals of examiners at mobilization camps, it will still be possible to detect certain differences in the proportion of defects found which in all probability are to be ascribed to idiosyncrasies of the populations of the respective cities. Such probable idiosyncrasies are discovered in the last four columns of ratios given in Table XX, and the + and - signs in the following four columns form a sort of graphical summary of the statistical results.

*Boston.*—A study of these last eight columns shows that, despite the high rejection rate for Boston, there were relatively few of the following defects found in men from that city: Chancroid and gono-



coccus infection; simple goiter and exophthalmic goiter; perforated ear drum; bunion; loss of part of foot. These figures clearly indicate a relative freedom from venereal disease of recruits coming to Camp Devens from Boston. This would indicate either a relatively small amount of venereal disease in the young men of Boston or else the rejection by local boards of an exceptionally large proportion of infected men. As we have seen, the physical examination standards fluctuated during the period in question from a tendency to rejection to a tendency toward acceptance of men with venereal disease, and the hypothesis might be entertained that the examiners at the local boards in Boston conservatively continued the earlier ideals of rejection of men with venereal disease. On the other hand, it is clearly not to be expected that the local boards should act in unison in this way. Consequently, it seems probable that there was a relatively small amount of venereal disease to be rejected in the men of military age in Boston.

The small amount of perforated ear drum recorded is largely counterbalanced by a clearly large amount of otitis media. However, except for Philadelphia, there was a smaller amount of otitis media found among recruits from Boston than from the other cities. Similarly the small amount of bunions found on recruits from Boston is much more than counterbalanced by the great excess of other foot defects found in men from this city.

Although we are to expect (in view of the strictness of the physical examination at Camp Devens) that relatively more defects would be found in Boston men than in men from other cities, yet we may still infer from very excessive ratios something about the peculiarity of the population in other respects. Thus, if the ratio from Boston is double that from the next highest city or if the ratio of rejections from Boston is more than one-third of the total ratios of defects found in the four cities, then we may conclude that there is probably a peculiarity in the population of the city in the frequency of this disease or defect. Using this criterion it is of interest to know that an excessive amount of tuberculosis was found in Boston recruits. Also relatively more syphilis than in the other cities. The following are other defects or diseases of which there was a large excess found in recruits from Boston: Chronic alcoholism, epilepsy, mental deficiency, dementia praecox, strabismus, mitral stenosis, cardiac hypertrophy, tachycardia (probably), asthma, bronchitis, defective or deficient teeth, enlarged inguinal rings, chronic dislocation of joints, and malunion of lower extremities. Thus, it appears that the most striking excess of defects found in recruits from Boston is for certain diseases of the respiratory tract, pulmonary tuberculosis, asthma, and bronchitis; also a group of nervous and mental diseases, such as epilepsy, mental deficiency, and dementia praecox. Certain

heart conditions like mitral stenosis, cardiac hypertrophy and tachycardia are slightly in excess of expectation. Defective and deficient teeth are strikingly in excess.

It seems probable that the foregoing idiosyncracies of recruits from Boston are to be ascribed in part to the peculiarities of its population. Besides the native stock, which comprised in 1910 about 23.5 per cent of the population, Boston contains a great mixture of foreign elements, but in this foreign population the outstanding characteristic is the excess of Irish. Thus, out of 240,000 foreign-born whites, 66,000 were from Ireland, and of 195,000 persons of foreign parentage over 88,000 had both parents born in Ireland. Investigations by a royal commission in Great Britain have shown the excess of mental defect among the inhabitants of Ireland, exceeding that of any other of the countries of the United Kingdom, and it is consequently to this element of the population that the excess of nervous and mental defects is probably to be ascribed. As for pulmonary tuberculosis this has long been known to be unusually prevalent in New England, though whether this excess is due to racial or environmental factors has not been sufficiently shown.

*Philadelphia.*—Philadelphia is considered second because it is the city in whose recruits the smallest amount of defect was found at Camp Meade. If, despite this fact, there is any defect or disease in which the recruits from Philadelphia lead those of other cities such defect or disease is probably in excess in the population of that city. Such are the following: Gonococcus infection and (in consideration of the small amount of defect found in recruits from Philadelphia) venereal disease in general. It must be said, however, that the ratio of venereal disease found in recruits from Chicago is very slightly in excess of Philadelphia. Other such diseases and defects are: Perforated ear drums, various diseases of the pharynx apart from tonsillitis, and pronated foot.

Keeping in mind the low proportion of defects found at mobilization camps in recruits from Philadelphia we may still detect those defects and diseases which are relatively rare in Philadelphia by picking out the excessively and unexpectedly small ratios for such diseases found in recruits from this city. Such very small ratios, probably indicating a peculiarity in the population, are mental deficiency, defects of vision, hemorrhoids and varicose veins, defective and deficient teeth, cryptorchism. Perhaps the most striking conclusion to be drawn from the preceding list is the probable small amount of mental deficiency in recruits from Philadelphia, their good vision and teeth, and the infrequency of weak veins.

If we look to the constitution of the population of Philadelphia for explanation of these facts we find that in 1910 nearly 30 per cent of the population were native white and of native parentage. Of the



382,000 foreign-born whites about 90,000 were born in Russia, 83,000 in Ireland, and 61,000 in Germany. Also, of native whites there were 116,000 both of whose parents were born in Ireland, and 89,000 both of whose parents were born in Germany. We see consequently that, although numerous, the Irish stock plays a less predominating rôle in the population of Philadelphia than it does in the population of Boston. Also, that the population of native whites of native parentage is very much greater in Philadelphia than in Boston. Perhaps it is on account of the relatively greater proportion of Russian Jews in the population of Philadelphia that there are so few cases of defective veins, as these defects are found prevailing among tall men.

*Chicago.*—Chicago, like New York, occupies an intermediate position in respect to the proportion of defects and diseases found in recruits coming to mobilization camps. The following is a list of the principal diseases in which recruits from this city showed an important excess over those from other cities. Simple goiter, exophthalmic goiter, arthritis, hyperopia, hemorrhoids, varicose veins, varicocele, loss of fingers, curvature of spine, defective physical development, overweight, hypospadias, and bullet and other recent wounds.

An examination of the foregoing list brings out several matters of importance. First, the excess of goiter, both simple and exophthalmic, in Chicago. This is merely a part of the general fact of large amount of goiter in the Great Lakes Region. Second, the excessive number of cases in which the walls of veins had given away, a result which is usually associated with large stature. Third, extremes of physical development are found on the one hand; slight excess of cases of defective physical development and of overweight. Finally, an excess of certain accidents such as bullet wounds, loss of fingers, possibly associated with conditions in what was within 20 or 30 years a city near the frontier.

In respect to the following diseases and defects the recruits sent from Chicago to camps had markedly less than the expected proportion. Constitutional psychopathic states, myopia, astigmatism, various valvular heart diseases, cardiac hypertrophy, bronchitis, hernia, enlarged inguinal rings, chronic dislocation of joint, pes planus, pronated foot, and malunion of upper extremity.

A review of these diseases and defects that are found in unexpectedly small proportion in Chicago suggests a population of more than average absence of constitutional psychopathic states, unusually good eyes and heart, small amount of hernia and enlarged inguinal rings, and flat-foot, and pronated foot. Of all cities, Chicago shows the smallest proportion of these defects which are commonest in the population of the country as a whole.

The population of Chicago in 1910 was about 20 per cent native white of native parentage. Of the 705,000 native whites of foreign parentage 182,000 were born in Germany, 132,000 in Austria, 122,000 in Russia. Of those whose parents were both born abroad the largest class is that of the Germans. Swedes constitute perhaps the fourth element by size in the population.

On the whole the population of Chicago, in contrast with that of Boston and Philadelphia, is characterized by the large proportion of German and Scandinavian races, and the fact that these races are of rather tall stature helps to account for the disproportionately great amount of defective veins.

*New York City.*—Recruits from New York City were examined at Camp Upton, which showed about the average proportion of rejections. Any marked excess, consequently, of any defect or disease found, is probably indicative of a defect in the population in this respect.

Among the defects and diseases that are unexpectedly common in recruits from New York City are the following: Drug addiction, constitutional psychopathic states, otitis media, acute and chronic endocarditis, hernia, contracture of joint, hammertoe, loss of part of foot, underweight, and cryptorchism. In relation to total defects found the following additional defects and diseases seem to be in excess in New York City: Neurasthenia, defective vision, ankylosis, fibrous, flat foot, and depressed fracture of the skull. In general, one of the most striking facts is the excessive amount of drug addiction in New York City over all other parts of the United States. Also excessive are: Otitis media, a condition which is indicative of neglected throat infections; hernia, and defective vision, both of which are especially apt to be found in smaller and physically weaker races; endocarditis, which is possibly causally associated with otitis media, and again flat-foot which, like hernia, suggests a lack of physical tone in the population, and cryptorchism, sometimes regarded as a stigma of degeneration. The excessive amount of underweight found in the population is doubtless a racial characteristic.

The following defects and diseases are strikingly uncommon in recruits from New York City: Pulmonary tuberculosis; hyperopia; conjunctivitis other than trachoma; hypertrophic tonsillitis; mitral insufficiency; varicocele; pleurisy, fibrinous; hydrocele; bony ankylosis; deformities of the hand resulting from injury or infection; malunion of lower extremity; curvature of spine; hypospadias; and bullet and other recent wounds.

A résumé of these defects indicates a striking freedom from pulmonary tuberculosis in the population of New York City, a result which has been confirmed by certain civil surveys made of the population. The small amount of varicocele associated also with a rela-

tively small amount of varicose veins and hemorrhoids suggests a population of low stature. The relatively few defects of bones and organs of locomotion suggest a population protected against injuries from accident. The small amount of curvature of the spine is perhaps associated with relative freedom from tuberculosis and the prevailing short stature.

The population of New York City in 1910 was only 19 per cent native white of native parentage. Of the 40 per cent foreign born, the largest number (nearly half a million) came from Russia, and these were chiefly Russian Jews, a population characterized by short stature. There were 340,000 Italians, chiefly south Italians, also of short stature. The Germans and Irish constituted the smaller and relatively diminishing part of the population. The absence of those defects such as breaking down of walls of blood vessels, which are associated with large stature, are noteworthy for their relative infrequency. The small amount of tuberculosis and tonsillitis suggests a highly resistant population, probably rendered immune through crowding either in preceding generations or the present one.

23. *Comparison of the four large cities with other urban and rural districts.*—The cities considered, except Boston, are characterized by far less pulmonary tuberculosis than is the total of urban districts or of rural districts. In fact the proportion of pulmonary tuberculosis present seems to a certain extent inversely correlated with the denseness of the population. Thus, the rate for New York City is 0.14, for Chicago, 1.89, for all cities 3.68, for rural districts, 5.09. The probable significance of this correlation is that city dwellers are as a class resistant to tuberculosis either because the susceptibles have been eliminated in earlier generations or because immunity has been acquired in the current generation. These results run counter to the assertions of certain propagandists which would lead us to conclude that our great cities are hotbeds of tuberculosis.

The amount of venereal disease present seems also somewhat inversely correlated with density of population. Thus for New York City the ratio is 13 per 1,000, for Chicago 22, for all cities 26, for rural districts, 30. There are, to be sure, fluctuations in the amount of venereal diseases found which are independent of the size of the cities, such as the large amount, 21 per 1,000, found in Philadelphia, and the small amount, 13 per 1,000, found in Boston. The one fact that stands out clearly is that there is about one-fifth more venereal disease to be found in the rural districts than in cities. On the other hand, chronic alcoholism is, on the whole, more characteristic of cities than rural districts, though both New York and Chicago give a ratio of 0.10 per 1,000 as contrasted with 0.16 for all cities. Drug addiction is strikingly more prevalent in the large cities and above all, New York City, than it is in rural districts.

Indeed, as stated above, New York City seems to be the center of this vice.

Epilepsy is commoner in rural than in urban districts; however, in some cities, like Boston, it is far in excess of the rural districts. Mental deficiency is more than twice as common in rural than in urban districts and more than twice as common in the average city as it is in the largest cities like New York and Chicago. In these cities the rate is 0.6 per 1,000, in urban districts in general, 1.2, and in rural districts, 2.8. Approximately the same result holds for the other symptoms of mental weakness.

Defects of vision are commoner in urban than in rural districts, and especially common in large cities. For example, New York City has a rate of 17 per 1,000, Chicago of about 7 per 1,000, the average urban district of 9 per 1,000, and rural districts of 7 per 1,000. As concluded in another part of this paper the excess of defective vision in large cities is probably due to the circumstance that those races which have congenitally defective eyes are most apt to be found in our large cities. Strabismus or cross-eye is rather more apt to occur in urban than rural districts, but in a large city like New York is less common than the average city. The excess of defects of vision in cities is less due to myopia than to astigmatism. Astigmatism, indeed, is one of the great defects found in large cities. In New York the rate is 2 per 1,000, in Philadelphia at least 1.5 per 1,000; in the average city 0.76, and in rural districts, 0.38. Chicago occupies an anomalous position with its rate 0.09. Conjunctivitis of the ordinary type is relatively rare in large cities, commoner in small ones, and still commoner in rural districts. It is impossible to say whether this is due to greater hygienic neglect in rural districts or to relative susceptibility of those living in such districts.

Otitis media is a disease that reaches its highest height in our largest cities, such as New York (6 per 1,000) and Chicago (3 per 1,000). For the total urban districts the rate is 2.7, in rural districts 2. The full significance of this fact remains undetermined. The possibility of an explanation on grounds of race is not to be overlooked.

The commoner forms of valvular heart disease (mitral insufficiency and mitral stenosis) are less common in the large cities than in the smaller ones and very much less common than in rural districts. Thus the rate of mitral insufficiency rises from 2.2 in New York to 2.7 in Chicago, and 4.2 in urban districts up to 4.6 in rural districts. Likewise, mitral stenosis rises from 0.5 in New York and 0.4 in Chicago to 1.3 in the average city and to 1.6 in rural districts. The significance of this fact remains obscure; the possibility that it is due to the greater failure of local boards in rural districts to detect valvular troubles is to be kept in mind.

Of respiratory diseases bronchitis and asthma are both less common in the large cities than in the smaller cities and much less common than in rural districts, as the table shows. This result is still unexplained.

Of the diseases of the bones and organs of locomotion, fibrous and bony ankylosis are prevailingly rural, and these defects are much less common in large cities like New York and Chicago than in the smaller ones. On the other hand hammertoe is commoner in the large cities than in the smaller ones or rural districts, and the same thing is true of flat-foot and probably of pronated foot.

#### X. SUMMARY OF CONCLUSIONS.

1. The physical examination standards prescribed for local boards were decreased in severity from July, 1917, to February, 1918. After the latter date they were increased somewhat for men accepted for general military service (Group A). They were still further diminished for Groups B and C.

2. In those States in which the local boards referred most cases of suspected tuberculosis to medical advisory boards there was the smallest proportion of rejections for tuberculosis at the mobilization camp.

3. The proportion of men found with epilepsy at mobilization camps who had been referred to medical advisory boards varied greatly in different States, perhaps depending upon the familiarity of local boards with the disease.

4. In general, the proportion of men referred to medical advisory boards and who later came to mobilization camps depended in part upon the familiarity of local boards with the suspected disorder and in part with the accessibility of the medical advisory boards.

5. Up to August, 1917, only 21 per cent of men sent to camps had been found by their local boards qualified with one or more defects. In September the proportion rises to 22 per cent, and by November reaches 40 per cent of all men examined. The proportion declined to January when 29 per cent of men arrived at camp had been so classified. Thence the proportion rises to May, 1918, when it is 38 per cent.

6. The percentage of men rejected at mobilization camps was 5.0 up to August, 1917, rose to 5.7 by October, fell abruptly to 1.2 in December, rose to 3.0 in February and declined to 2.6 in April-May. Thus, December was characterized by the greatest proportion of men accepted despite defects and the smallest proportion rejected. This month marks the acme of our purpose of securing an army even by making use of more or less defective men.

7. About two-thirds of the recruits sent to camp were found to be without noteworthy physical defect.

8. About 5 per cent of the men sent to camp were rejected for all military service.

9. The ratio of men rejected differs greatly between the different States.

10. The variations in proportion of defects associated with the different States was due more to the various ideals of the examiners at camps than to variations in the constitution of the population of the States.

11. In general, examiners at camps were at first fairly liberal in their interpretation of the standards, became much more strict by the end of the year 1917, and thereafter interpreted the standards somewhat more liberally.

12. Of defects and diseases coming to mobilization camps 94 per cent of the mental were rejected (excepting alcoholic psychosis); 90 per cent of tuberculosis; about 90 per cent of the general diseases; over 73 per cent of the nervous diseases; over 70 per cent of the circulatory system; less than 50 per cent of the diseases of the skin and nose, functional heart diseases, and morphological defects in form of the extremities.

13. Flat-foot is the greatest defect noted; it was found in nearly one-fifth of the men examined.

14. There is a markedly small amount of flat-foot recorded from the Southern States.

15. The distribution of hernia, actual or incipient, is controlled more by the urban factor than any other; since men from the large cities show a much greater proportion of hernia than do men from rural districts.

16. Venereal diseases are found predominantly in the southern tier of States; this is probably due to the large proportion of colored recruits from those States.

17. Seven per thousand of men coming to camp were found to have valvular diseases of the heart and three-fourths of 1 per thousand to such an extent as to require rejection.

18. Functional heart diseases were rarely found; of the cases found about 75 per cent were rejected.

19. Defective vision is found more commonly in recruits from New England and New York City than from the Central States.

20. Trachoma was noted at camps more commonly in recruits from Kentucky, Indiana, Illinois, and Missouri, than from other States. There is also trachoma in the Southwest.

21. Varicose veins in different forms were found in exceptionally great numbers in Minnesota and Wisconsin and the mountainous region of the extreme Northwest. This is probably associated with the tall stature of the Scandinavians who predominate in much of this territory.



22. Seventy-four per cent of the 2,500 men found at camp with otitis media were rejected. The standards prescribed rejection in all cases. A large proportion of men accepted at camp with otitis media were subsequently discharged through disability.

23. Otitis media was exceptionally common in men from New York City and in the lower Mississippi drainage basin.

24. The greatest incidence of mental deficiency is in the Southern States, the home of the largest proportion of colored recruits.

25. Foot defects other than pes planus are, like pes planus, more common in the Northern than Southern States, and more common in States of the Atlantic seaboard than in those of the interior.

26. Of ankylosis the northern tier of Western States shows the largest proportion; the smallest proportion is found in the Middle States.

27. Underweight was found more commonly in the States tributary to Camp Lewis than in those tributary to other camps. This may be in part attributed to the idiosyncrasies of the camp examiners but may be in part due to the large amount of tuberculosis in the Southwestern States that were tributary to this camp. A high rate of underweight appears also in Georgia and Alabama where hookworm is prevalent. Also underweight is exceptionally prevalent in New England, New York, and New Jersey, probably due to the presence of small races in the population.

28. Defective physical development was found in the New England States in exceptionally high proportion.

29. Simple goiter was strikingly common in the territory adjacent to the Great Lakes.

30. Tuberculosis was found in exceptional amount in men from Arizona, New Mexico, Colorado, and California.

31. Pulmonary tuberculosis is equally common in men from rural and from urban districts.

32. Men from the cities showed about 30 per cent more defective vision than men from rural districts.

33. Otitis media is about 60 per cent commoner in the cities than rural districts. The ratio of otitis media from the Southern States is low.

34. There was an excess of nearly 60 per cent in the incidence of mitral insufficiency in recruits from rural districts.

35. Hernia was found somewhat more commonly in recruits from cities than from rural districts.

36. Flat-foot both in the severer and slighter grade is markedly commoner in recruits from the cities than recruits from the rural districts.

37. There was a preponderance of city-reared young men who were rejected for underweight.



38. Chronic alcoholism was found much more commonly in cities than in rural districts.

39. Drug addiction was found more commonly in cities than in rural districts. New York City showed the largest percentage of drug addiction of all single cities. The cities of Kansas showed the highest ratio of drug addiction of the cities of any State.

40. Myopia and varicose veins are much commoner in recruits from cities than from rural districts.

41. Arthritis is commoner in rural districts than cities. Epilepsy is also commoner in rural districts, possibly because of the greater amount of inbreeding there.

42. Trachoma is prevailingly a rural disease. Endocarditis and cardiac hypertrophy are commoner in rural than urban districts, and this result is possibly dependent upon the greater incidence of arthritis.

43. The prevailingly rural defects are: Infectious diseases, tuberculosis, all forms; venereal diseases, except syphilis; benign tumors; arthritis; nearly all nervous diseases, except paralysis of muscle and tabes dorsalis; all mental diseases except alcoholic psychosis; conjunctivitis of all forms; cataract, pterygium, retinitis, amblyopia, and nystagmus; most diseases of the nose except nasal polypus; respiratory defects except pleurisy; ankylosis and nonunion of fractures.

44. Of the four large cities studied—New York, Chicago, Philadelphia, and Boston—Boston shows relatively little chancroid and gonococcus infection, simple goiter, exophthalmic goiter, perforated ear drum, bunion, and loss of part of foot.

45. The total rejections from Philadelphia were few owing to the liberality of examiners at Camp Meade. The following defects or diseases seem to be in excess in its population: Gonococcus infection and (in consideration of the small amount of defects found in recruits from Philadelphia) venereal diseases in general; perforated ear drum, various diseases of the pharynx apart from tonsillitis, and pronated foot. There was in recruits from this city a small amount of mental deficiency, they had good vision and teeth, and weak veins were infrequent.

46. The following diseases and defects were exceptionally common in Chicago: Chancroid, simple goiter, exophthalmic goiter, arthritis, hyperopia, hemorrhoids, varicose veins, varicocele, loss of fingers, curvature of spine, defective physical development, overweight, hypospadias, and bullet and other recent wounds. This city showed extremes of physical development and an excess of accidental wounds. On the other hand, there was less than the average of: Constitutional psychopathic states, eye and heart defect, hernia, enlarged inguinal rings, flat-foot and pronated foot.

47. Recruits from New York City showed an excess of: Drug addiction, constitutional psychopathic states, otitis media, acute and chronic endocarditis, hernia, contracture of joint, hammertoe, loss of part of foot, underweight, and cryptorchism. Strikingly uncommon in recruits from New York City are pulmonary tuberculosis; hyperopia; conjunctivitis other than trachoma; hypertrophic tonsillitis; mitral insufficiency; varicocele; pleurisy, fibrinous; hydrocele; bony ankylosis; deformities of the hand resulting from injury or infection; malunion of lower extremity; curvature of spine; hypospadia; and bullet and other recent wounds.

48. Considering generally large and small cities and rural districts it appears that the amount of pulmonary tuberculosis is inversely correlated to the denseness of the population. The same is true of venereal disease.

49. Defects of vision are directly correlated with the size of cities. Astigmatism is one of the great defects found in large cities.

50. Valvular heart disease is roughly and inversely correlated with the density of the population, and the same is true of diseases of the bones and organs of locomotion, excepting most foot defects.

## PLATES.

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The following plates constitute three series:

The first series of plates consists of graphs showing the relative frequency (ratio per thousand) of each of forty selected diseases and defects, arranged by States in descending order of the ratios. From the series States in which no cases are found are excluded, and in some cases Alaska was excluded even when there were cases, because the number of such cases was so small as to give rise to ratios that have little significance.

The second series consists of charts showing the distribution of certain selected diseases or defects and groups of such, as found at mobilization camps, in men originating in the respective States (first 994,206 men).

The third series consists of graphs, one for each State, showing the relative incidence (ratio per thousand) of the various diseases and defects, or groups of such. These ratios are arranged in descending order.

In order that the significance of the terms employed for diseases and defects shall be clear, they are herewith defined by the code numbers employed in the Code Book for Diseases and Traumatism, Medical Department, United States Army, 1918.

Tuberculosis, pulmonary, Nos. 867, 868, 869, 870, 871, 872, 873.

Venereal diseases includes the sum of cases distributed under the three following terms:

Syphilis,<sup>1</sup> Nos. 743, 827, 828, 829, 830, 892.

Chancroid, Nos. 125, 126, 127, 128, 129.

Gonococcus infection (gonorrhea), Nos. 326, 975.

Arthritis, Nos. 068, 327.

Goiter, exophthalmic, No. 278.

Goiter, simple, No. 325.

Drug addiction, No. 386.

Nervous disorders, functional, including:

Hysteria, Nos. 035, 376, 377, 651.

Neurasthenia, Nos. 536, 537.

Psychoneuroses, No. 692.

Psychasthenia, No. 691.

Mental deficiency, Nos. 485, 486, 487, 907.

Psychoses and dementia precox (also called psychoses, including dementia precox), Nos. 195, 196, 197, 198, 530.

Psychoses, other, Nos. 400, 549, 619, 700, 701, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 879.

Constitutional psychopathic states, Nos. 169, 170, 171, 172, 173, 174, 369.

Defective vision (cause not stated), No. 136.

Refractive errors of the eye, including:

Myopia, No. 510.

Hyperopia, No. 942.

Astigmatism, No. 074.

Conjunctivitis, granular (trachoma), No. 161.

Otitis media and perforated ear drum (also called otitis media), Nos. 597, 976.

<sup>1</sup> In the map and graphs this term includes general paralysis of the insane, 33 cases. This ratio is so small as to leave the result practically the same as it would be for the 4,426 cases of syphilis alone.

Defective hearing, No. 955.

Diseases of the nose, including:

Adenoids, No. 021.

Deviation of nasal septum, Nos. 211, 783.

Nose, external deformity of, No. 548.

Turbinate hypertrophy, No. 943.

Sinusitis, Nos. 788, 789, 790, 791, 792, 842.

Polypus, nasal, No. 604.

Perforated nasal septum, No. 631.

Ozena, No. 599.

Rhinitis, Nos. 746, 747, 748, 749.

Other diseases of nasal fossæ, Nos. 262, 522, 584, 750, 920.

Diseases of the throat, including diseases of the—

Larynx, Nos. 424, 426, 427, 580.

Tonsils, Nos. 005, 847, 848, 849, 850, 851.

Pharynx, Nos. 008, 226, 260, 453, 588, 652, 653, 915.

Valvular diseases of the heart, including:

Endocarditis, Nos. 247, 248, 249.

Aortic insufficiency, No. 908.

Aortic stenosis, No. 909.

Mitral insufficiency, No. 911.

Mitral stenosis, No. 912.

Combined lesions, aortic and mitral, No. 910.

Pulmonic lesions, No. 913.

Tricuspid lesions, No. 914.

Valvular lesions, unclassified, No. 983.

Myocarditis, No. 508.

Cardiac hypertrophy and dilatation, Nos. 111, 113, 114.

Functional heart diseases (including cardiac arrhythmia and tachycardia), Nos. 085, 086, 108, 109, 110, 833, 834.

Hemorrhoids, No. 349.

Varicocele, No. 916.

Varicose veins, Nos. 917, 918.

Asthma, No. 073.

Defective and deficient teeth, No. 951.

Hernia, Nos. 351, 354.

Inguinal rings, enlarged, No. 966.

Diseases of the skin, including all numbers under international Group XV of Coding Book.

Malunion of fracture, Nos. 962, 963, 984, 895.

Ankylosis of joint, bony and fibrous, Nos. 055, 056.

Curvature of spine, scoliosis, Nos. 184, 775.

Pes planus, No. 650.

Congenital defects of feet, including:

Hammer toe, No. 333.

Pes cavus, No. 649.

Deformities of foot (cause or type not specified), No. 985.

Pronated foot, No. 987.

Ingrowing nail, No. 391.

Defective physical development, No. 938.

Underweight, No. 952.

Defects of genitalia (congenital defect of testes), including:

Anorchism, No. 058.

Monorchism, No. 497.

Cryptorchism, No. 183.

Hypospadia, No. 375.

## PLATES 1 TO 10.

2. *Graphs showing relative frequency of selected diseases and defects in the different States.*—Plates 1 to 10 give the relative frequency of occurrence of certain specified diseases in the different States. The dark horizontal bars are proportional in length to the ratio per thousand as indicated by the figures in the right-hand column. Cases recorded without reference to State of origin are massed in a bar placed next to the bottom of this series. The States are those of the local boards to which the men reported. The detailed discussion of the variations and incidence of the various diseases in the different States is given on pages 68–120.

# TUBERCULOSIS, PULMONARY

# ASTHMA

PLATE 1.

FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

GOITRE, SIMPLE

GOITRE, EXOPHTHALMIC

FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

PLATE 1.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilisation camps, first million men: Pulmonary tuberculosis, asthma, simple goiter, exophthalmic goiter.

GONORRHEA

SYPHILIS, ALL

FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

CHANCROID

VENEREAL DISEASES, ALL

FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

PLATE II.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilization camps, first million men: Gonorrhea, syphilis (all), chancroid, venereal diseases (all).

MENTAL DEFICIENCY

NERVOUS DISORDERS, FUNCTIONAL

FIRST 1,000,000 MEN

PSYCHOPATHS, CONSTITUTIONAL

PSYCHOSES

FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

PLATE III.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilization camps, first million men: Mental deficiency, functional nervous disorders, constitutional psychopaths, psychoses.



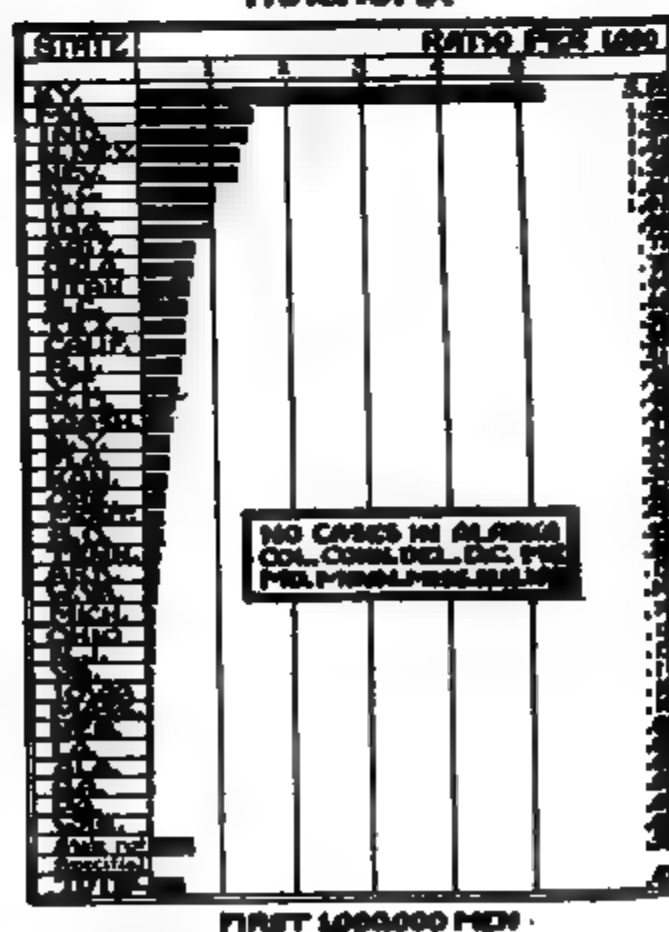
VISION, DEFECTIVE

TEETH, DEFICIENT OR DEFECTIVE

FIRST 1,000,000 MEN  
EYES, REFRACTIVE ERRORS

FIRST 1,000,000 MEN

TRACHOMA



FIRST 1,000,000 MEN

PLATE IV.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilization camps, first million men: Defective vision, defective or deficient teeth, refractive errors of eyes, trachoma.



HEART DISEASES, VALVULAR

HEART DISEASES, FUNCTIONAL

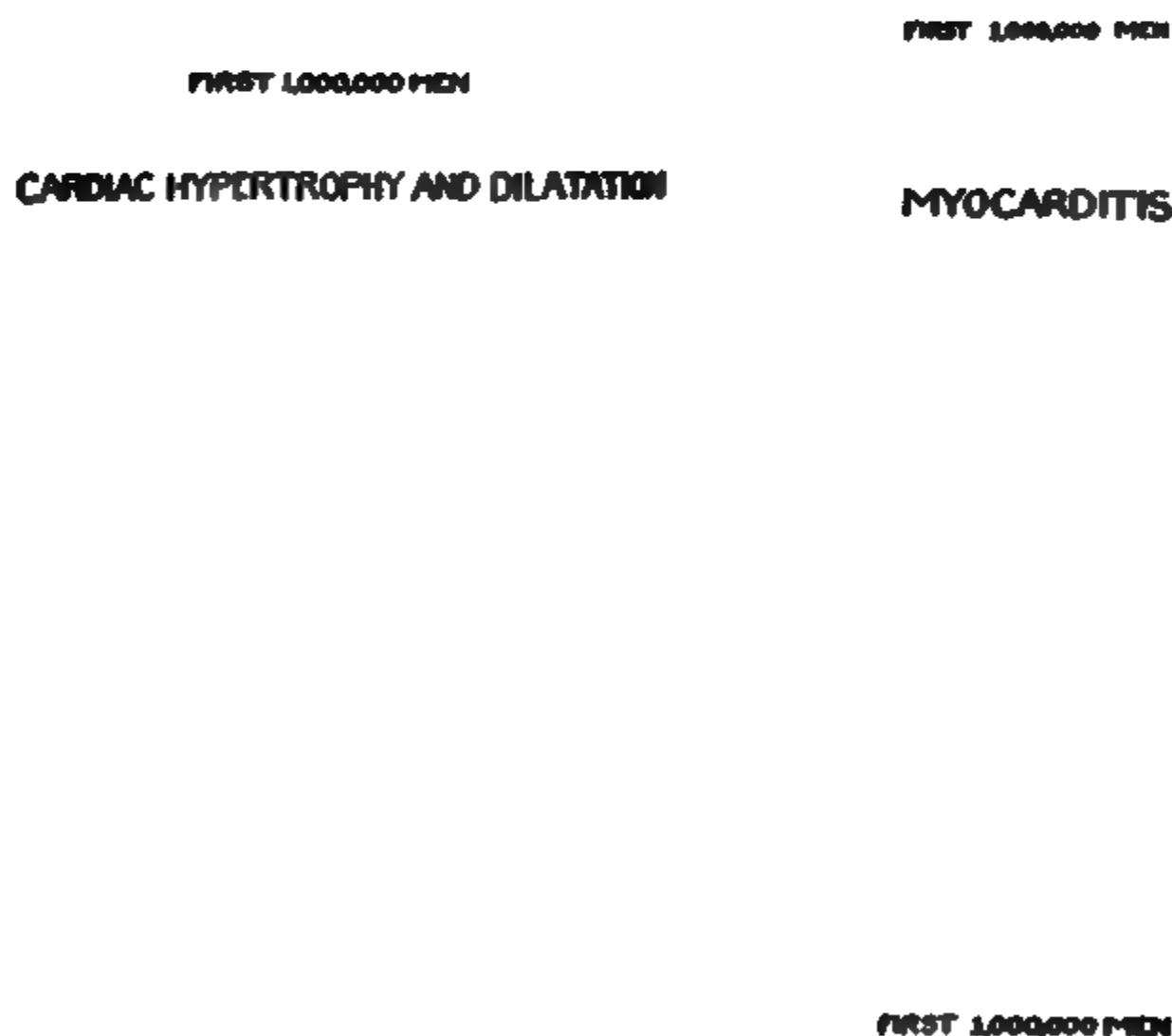
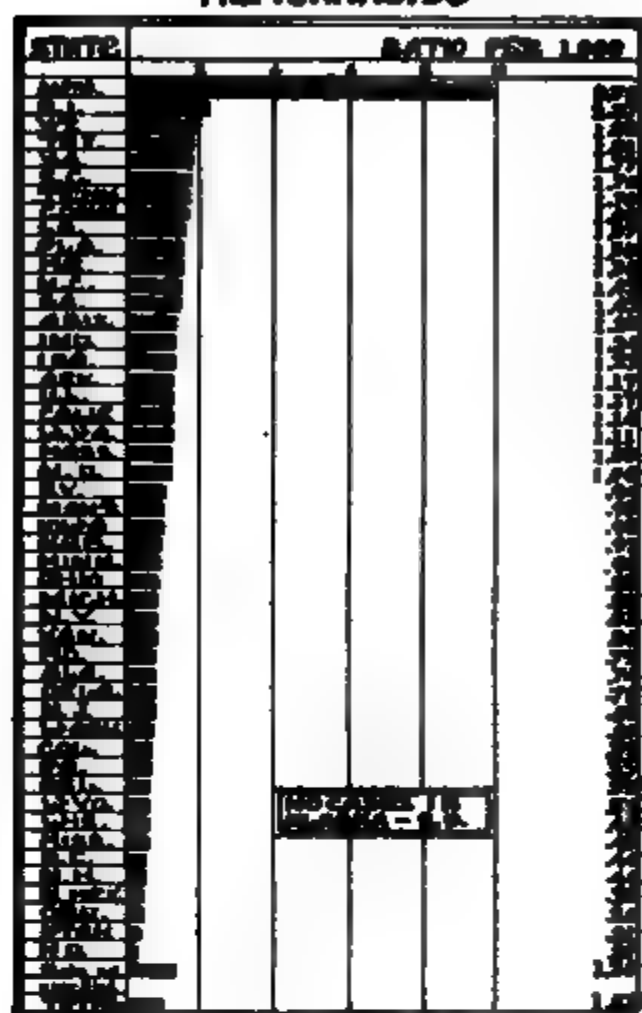


PLATE VI.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilization camps, first million men: Valvular diseases of the heart, functional heart diseases, cardiac hypertrophy and cardiac dilatation, myocarditis.

DISEASES OF THE SKIN

HEMORRHOIDS



FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

VARICOCELE

VARICOSE VEINS

FIRST 1,000,000 MEN

PLATE VII.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilization camps, first million men: Diseases of the skin, hemorrhoids, varicocele, varicose veins.



ANKYLOSIS

MALUNION OF FRACTURE

ARTHRITIS

DRUG ADDICTS

FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

PLATE IX.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilization camps, first million men: Ankylosis, malunion of fracture, arthritis, drug addiction.

**PES PLANUS**

FIRST 1,000,000 MEN

**UNDERWEIGHT**

FIRST 1,000,000 MEN

**PHYSICAL DEVELOPMENT, DEFECTIVE**

FIRST 1,000,000 MEN

FIRST 1,000,000 MEN

PLATE X.—Graphs showing the varying incidence of certain diseases and defects in the various States as found at mobilization camps, first million men: Pes planus, congenital defects of feet, underweight, defective physical development.



## PLATES 11 TO 24.

1. *Series of maps of the United States showing the distribution in the various States of certain selected diseases and defects and groups of such.*—It is to be expressly noted that the distribution as given is not that of the disease or defect in the population of the United States. First, it applies only to males of military age; second, it applies only to such men, mostly 20 to 30 years, as were accepted as being without serious physical defect by local boards and sent to mobilization camps, for the most part for general military service; third, the charts show merely the State of origin of those men who, having been accepted by local boards, were subsequently examined at mobilization camps and notation made of the given defects; fourth, it is moreover to be noted that for each man only one defect was recorded. This was taken as a leading military defect, following the principles laid down in pages 42–44 of this report. There were doubtless many cases of functional heart defect, etc., secondary to defects considered by the Coding Division as of greater military importance, which were not coded and therefore not counted. The distribution of the defects is no doubt influenced by the ideals and experience of the medical examiners at local boards; it is also influenced by the ideals and experience of examiners at mobilization camps. Conclusions should not be drawn from the maps beyond the facts that they reveal, namely, the relative incidence in the different States of the given defects and diseases in accepted recruits as noted at mobilization camps for the first million men.

A word about the method of classifying the ratios plotted. In general the dark shadings indicate greater ratios of occurrence; the lighter shades, lesser ratios. The values, in ratios per thousand of men examined in mobilization camps, of the different sorts of shadings are represented in legends in the lower right-hand corner of each map. In determining where the line should be drawn in the scale of ratios, extending from the highest to the lowest, the following principles were employed:

(1) An attempt was made to place approximately one-fourth of the States showing the given defect in each of the four divisions.

(2) With this limitation the line was drawn where there was a decided hiatus in the series.

(3) Other things being equal, a round number was chosen for the limits of the class.

(4) Occasionally, a division might be extended a point or two, so as to include in the same group geographically contiguous States.

Conclusions based upon these maps have been drawn in the main body of this report, pages 68–120 and 140–144.

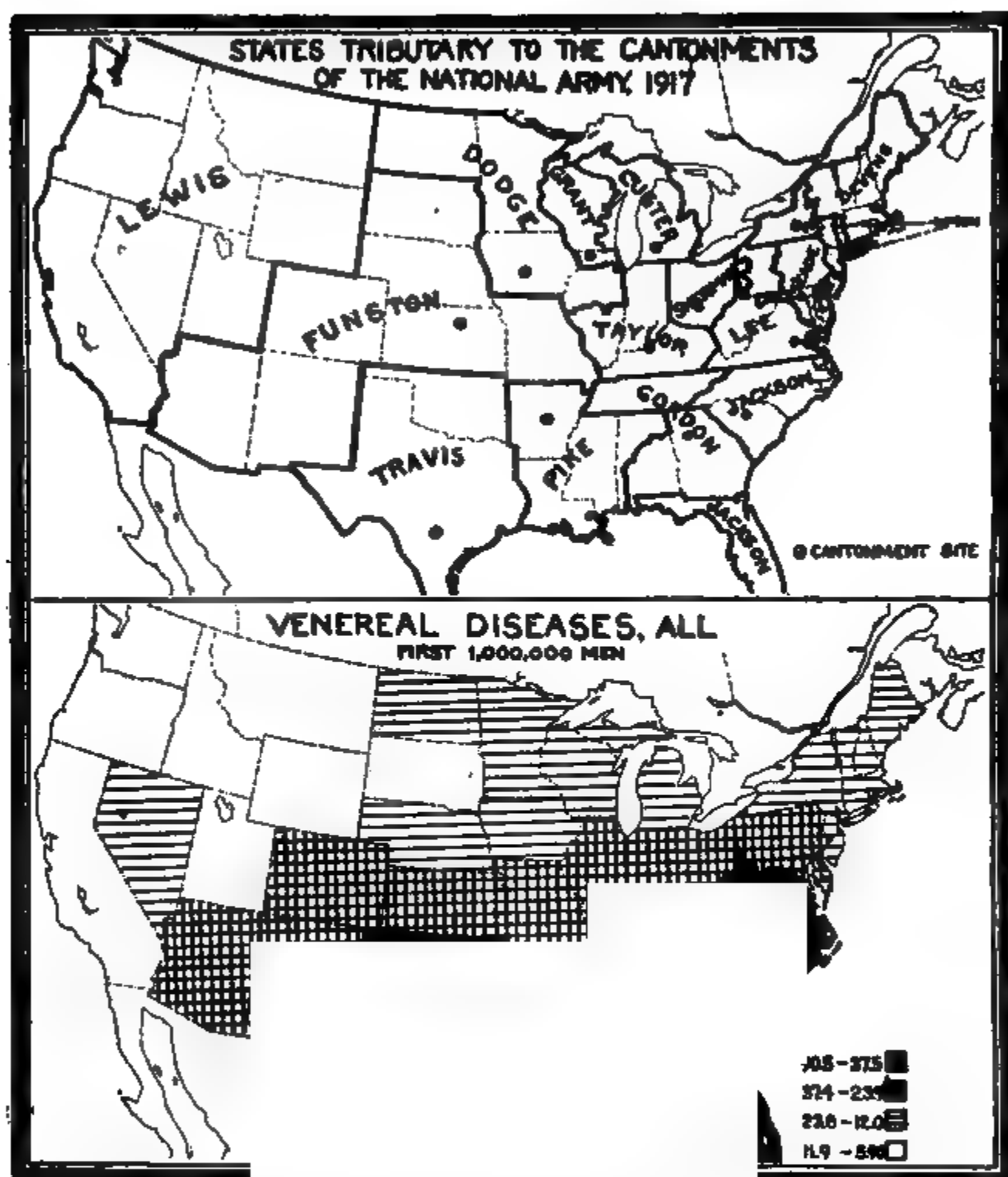


PLATE XI.—Upper: Map of the United States showing the area tributary to each of the 16 National Army Cantonnments, 1917. Lower: Map of the United States showing by States the varying incidence of venereal diseases combined as found at mobilization camps in the first million men; in four grades.

PLATE XII.—Upper: Map of the United States showing by States the varying incidence of gonorrhea as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of syphilis as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of chancroid as found at mobilization camps in the first million men; in four grades.

PLATE XIII.—Upper: Map of the United States showing by States the varying incidence of pulmonary tuberculosis as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of asthma as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of simple goitre as found at mobilization camps in the first million men; in four grades.

PLATE XIV.—Upper: Map of the United States showing by States the varying incidence of exophthalmic goitre as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of functional nervous disorders as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of functional heart disease as found at mobilization camps in the first million men; in four grades.

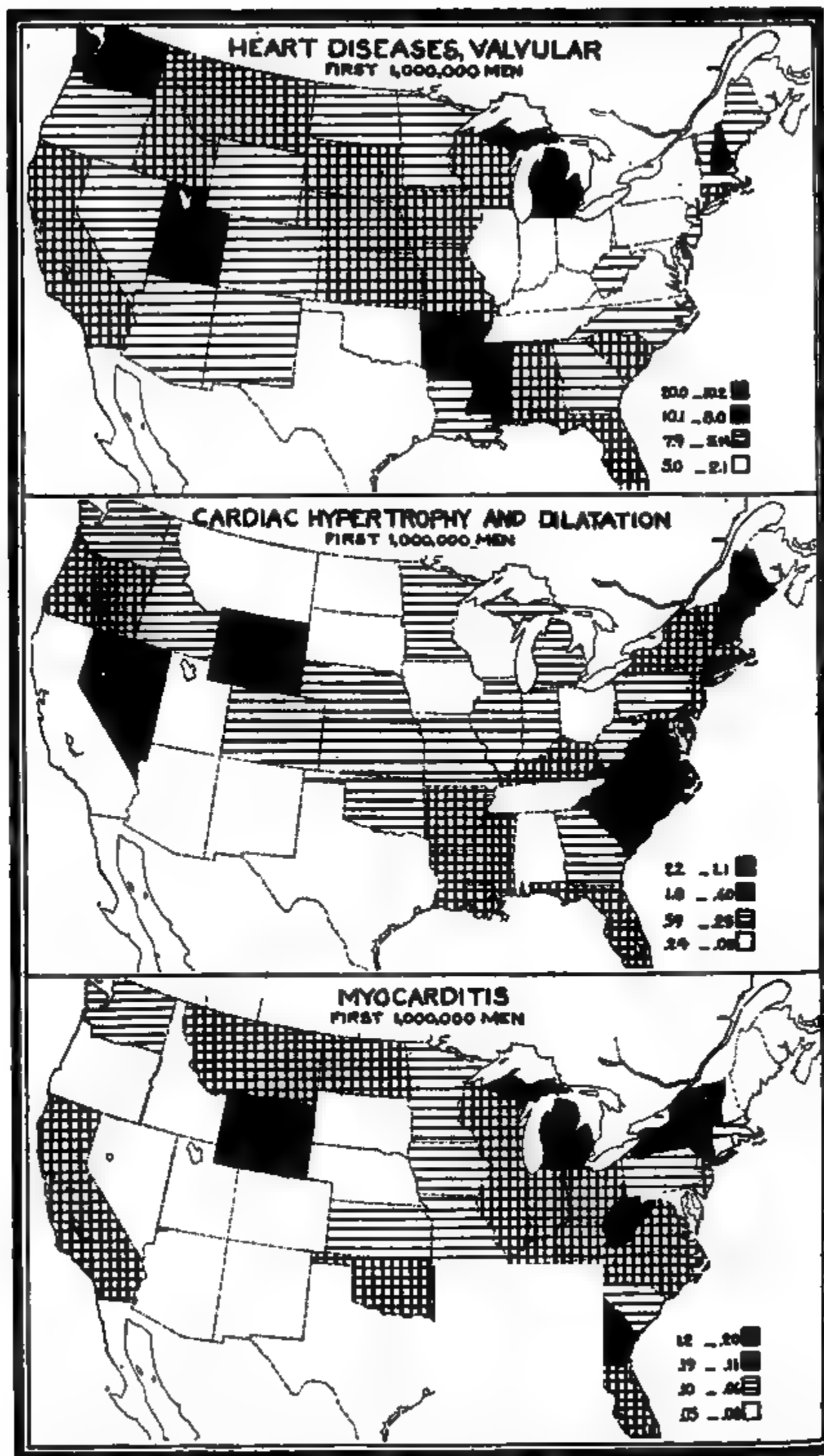


PLATE XV.—Upper: Map of the United States showing by States the varying incidence of valvular heart diseases as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of cardiac hypertrophy and cardiac dilatation as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of myocarditis as found at mobilization camps in the first million men in four grades.

PLATE XVI.—Upper: Map of the United States showing by States the varying incidence of hemorrhoids as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of varicose veins as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of varicocele as found at mobilization camps in the first million men; in four grades.



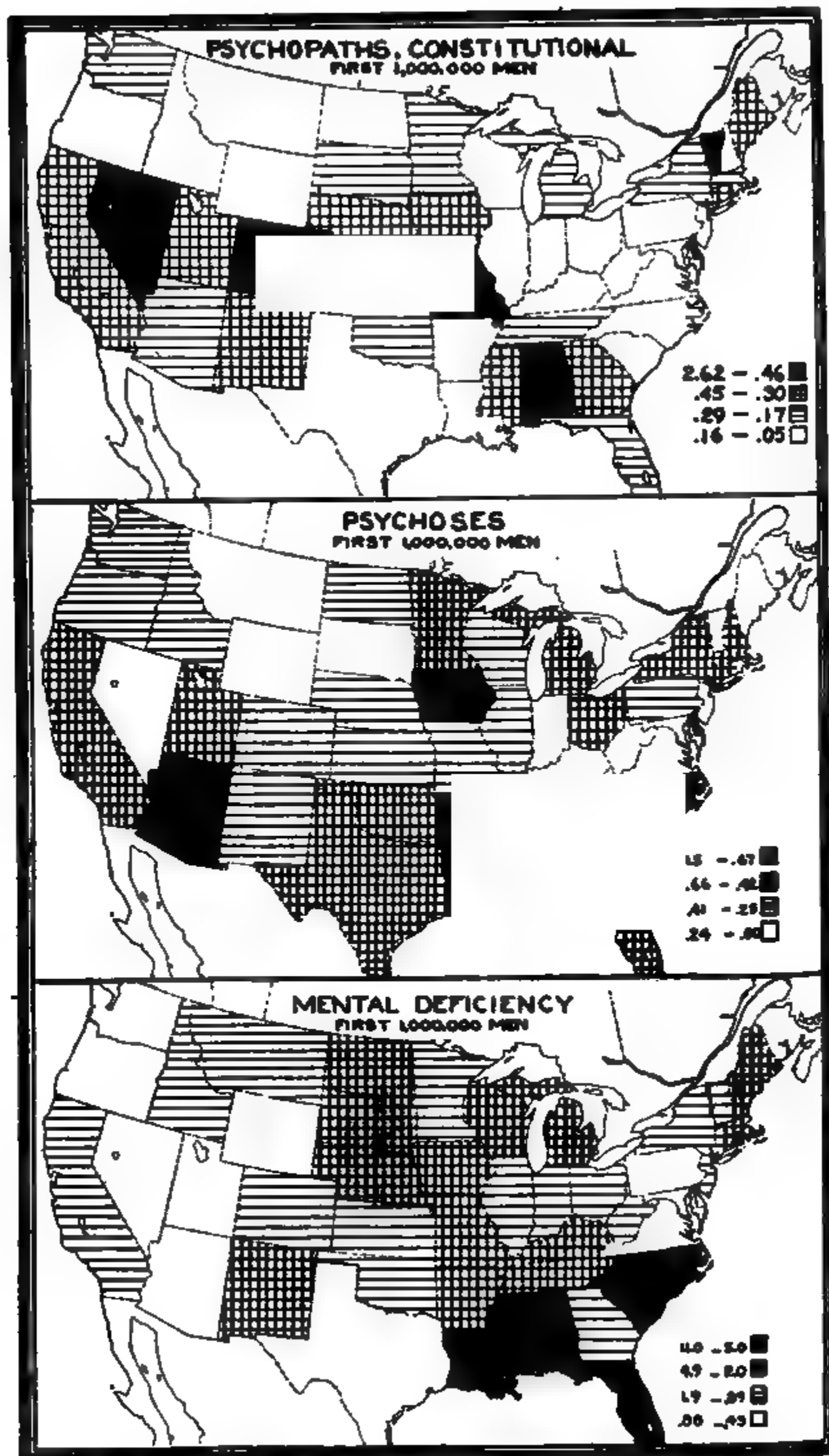


PLATE XVII.—Upper: Map of the United States showing by States the varying incidence of constitutional psychopathic states as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of psychoses as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of mental deficiency as found at mobilization camps in the first million men; in four grades.

PLATE XVIII.—Upper: Map of the United States showing by States the varying incidence of defective vision as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of refractive errors of the eye as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of trachoma as found at mobilization camps in the first million men; in four grades.

PLATE XIX.—Upper: Map of the United States showing by States the varying incidence of disease of the throat as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of otitis media as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of defective hearing as found at mobilization camps in the first million men; in four grades.

PLATE XX.—Upper: Map of the United States showing by States the varying incidence of hernia as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of enlarged inguinal rings as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of congenital defects of testes as found at mobilization camps in the first million men; in four grades.

PLATE XXI.—Upper: Map of the United States showing by States the varying incidence of deficient or defective teeth as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of scoliosis as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of underweight as found at mobilization camps in the first million men; in four grades.

**PLATE XXII.**—Upper: Map of the United States showing by States the varying incidence of pes pla as found at mobilization camps in the first million men; in four grades. Middle: Map of the Un States showing by States the varying incidence of congenital defects of the feet as found at mobiliza camps in the first million men; in four grades. Lower: Map of the United States showing by St the varying incidence of defective physical development as found at mobilization camps in the first Non men; in four grades.

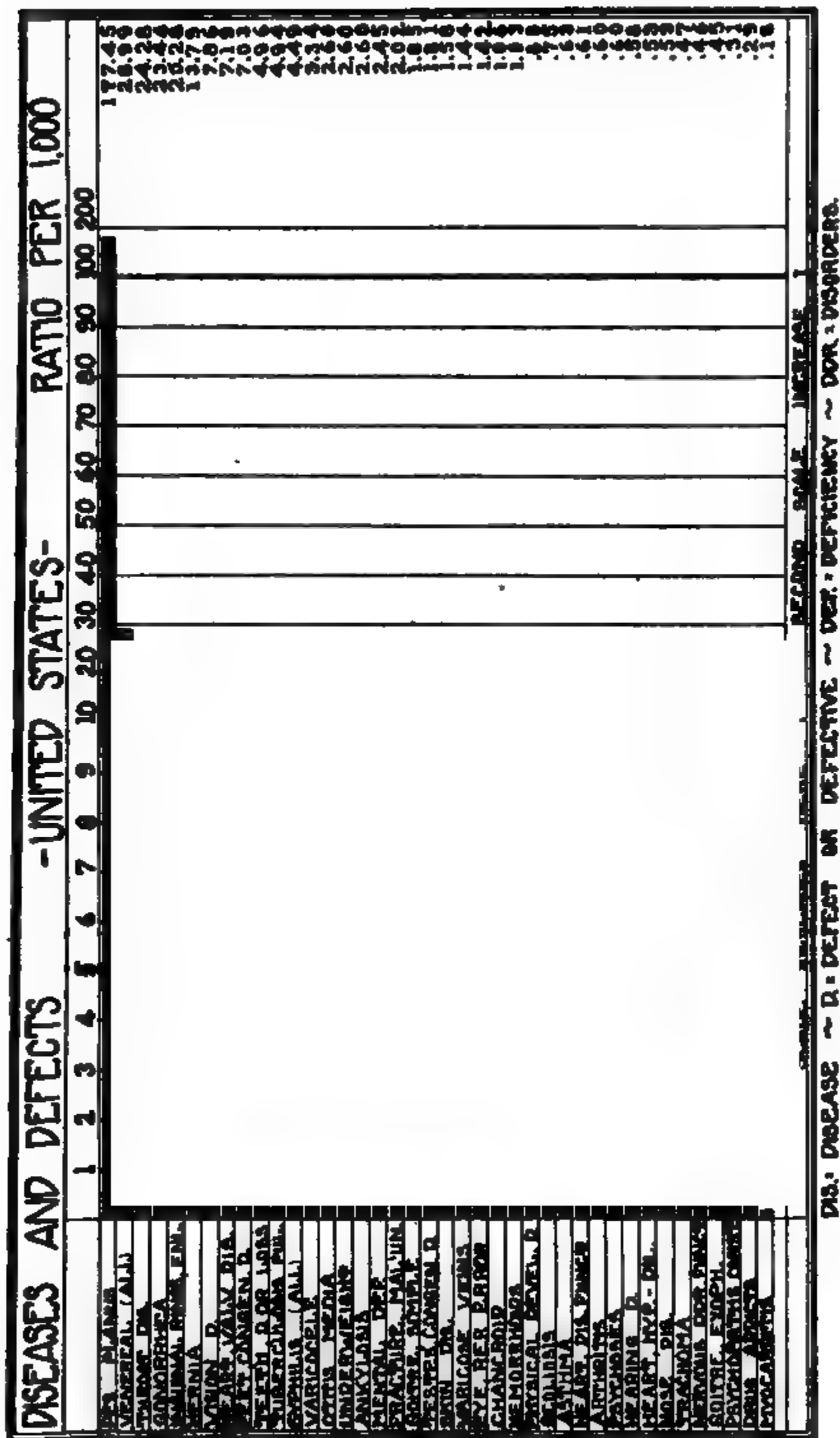
PLATE XXIII.—Upper: Map of the United States showing by States the varying incidence of drug addiction as found at mobilization camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of diseases of the nose as found at mobilization camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of diseases of the skin as found at mobilization camps in the first million-men; in four grades.



PLATE XXIV.—Upper: Map of the United States showing by States the varying incidence of ankylosis as found at mobilisation camps in the first million men; in four grades. Middle: Map of the United States showing by States the varying incidence of malunion of fracture as found at mobilisation camps in the first million men; in four grades. Lower: Map of the United States showing by States the varying incidence of arthritis as found at mobilisation camps in the first million men; in four grades.

### PLATES 25 TO 41.

3. *Graphs showing, by States, the relative incidence of the various diseases and defects, or groups of such.*—Plates 25 to 41 represent graphically the variation in incidence of the different diseases and defects (as grouped) in each State. The number of cases of the defects found per thousand of men examined is represented by the length of the horizontal bar. In order not to extend the diagram unduly, changes of scale used in measuring the horizontal bars are freely made where convenient. For example, in Alabama there is one scale for the first 10 cases per thousand; cases from 10 to 100 per thousand are drawn on a scale one-tenth as large; and cases between one and two hundred per thousand are on a scale one-hundredth of that used for the first 10 per thousand. This change of scale has to be kept sharply in mind in reading the charts. A few diseases or defects which are relatively rare or absent are named in the rectangle placed near the center of each figure. It will be noted that pes planus, or flat-foot, occupies the uppermost position in all of these charts. The second and subsequent positions are disputed by a variety of diseases and defects.



**PLATE XXV.—Graph of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from entire United States.**

PLATE XXVI.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in the first million men. Ratios per 1,000 recruits from the States of Alabama, Arizona, and Arkansas.





TABLE XXIX.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Idaho, Illinois, and Indiana.



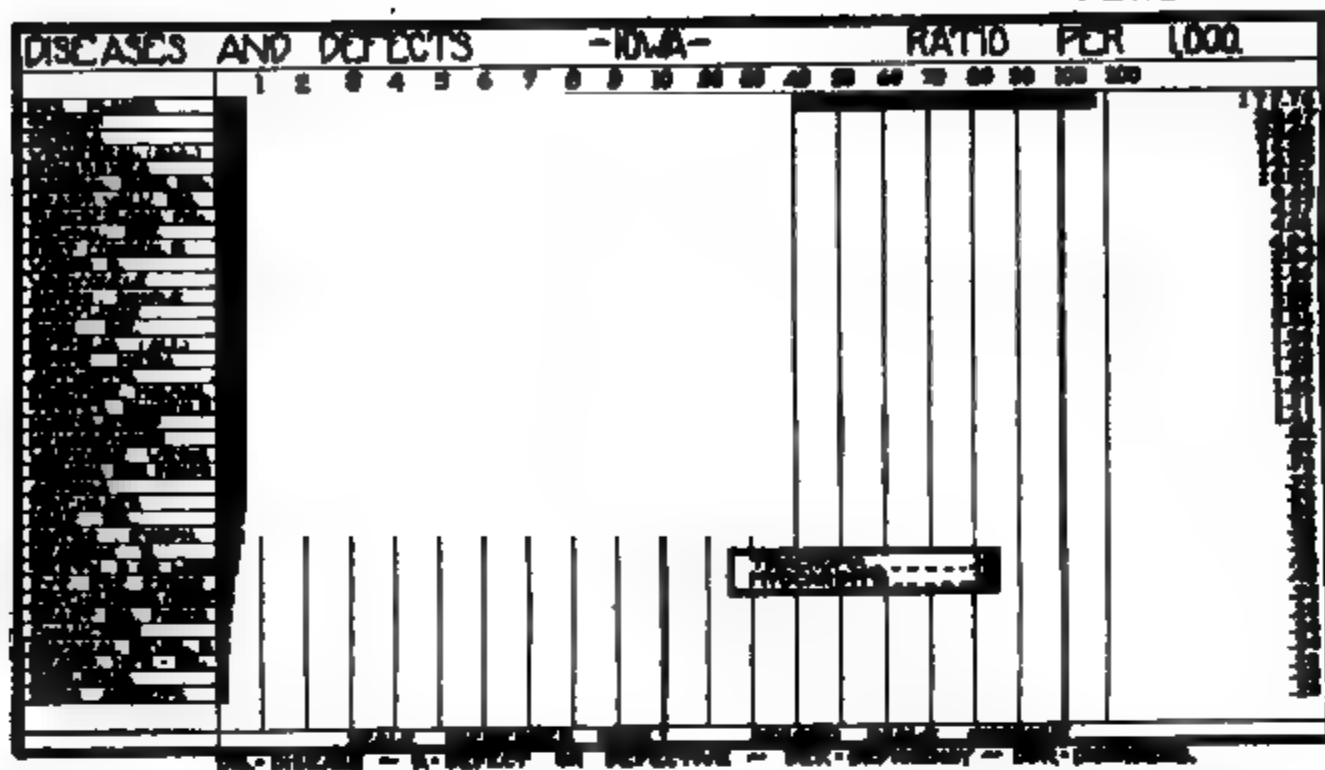


TABLE XXX.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Iowa, Kansas, and Kentucky.

**TABLE XXXI.**—Graphs of comparative frequency of various diseases and defects found at mobilisation camps in first million men. Ratios per 1,000 recruits from Louisiana, Maine, and Maryland.

TABLE XXXII.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Massachusetts, Michigan, and Minnesota.

TABLE XXXIII.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Mississippi, Missouri, and Montana.

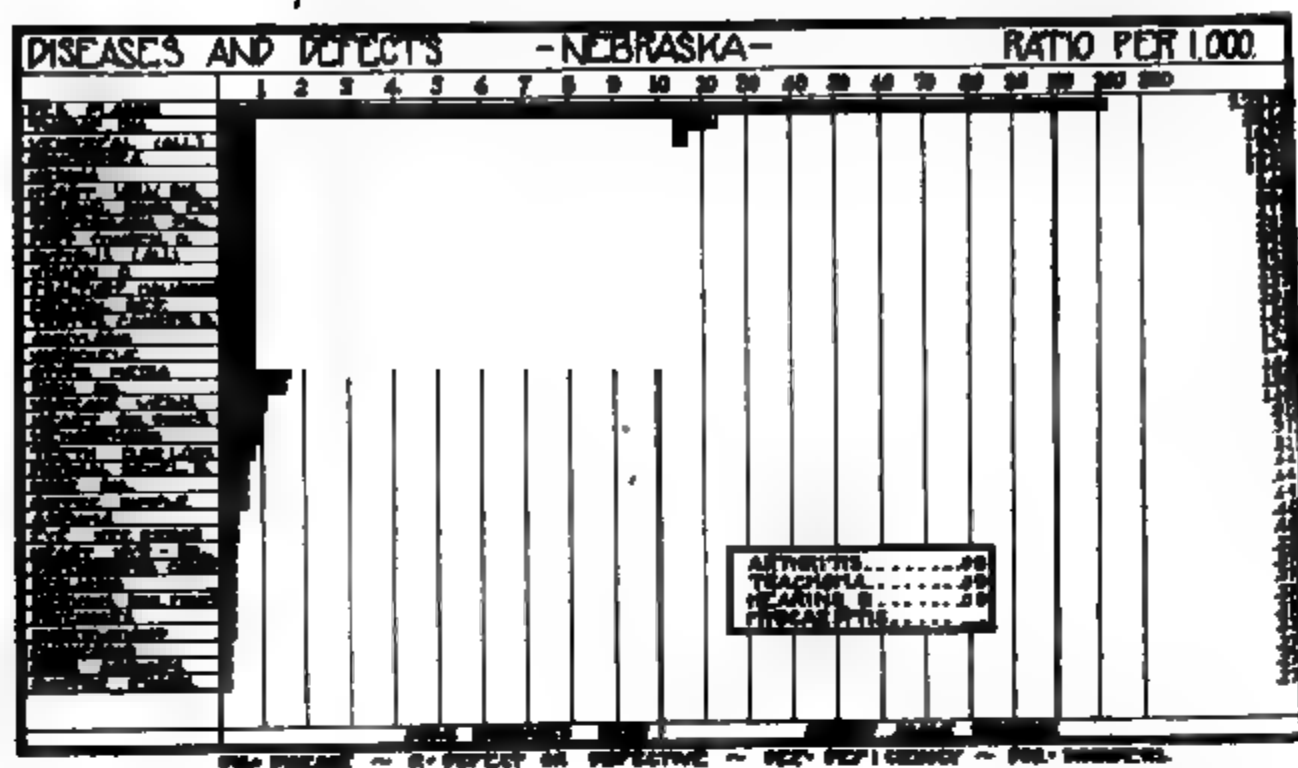


TABLE XXXIV.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Nebraska, Nevada, and New Hampshire.



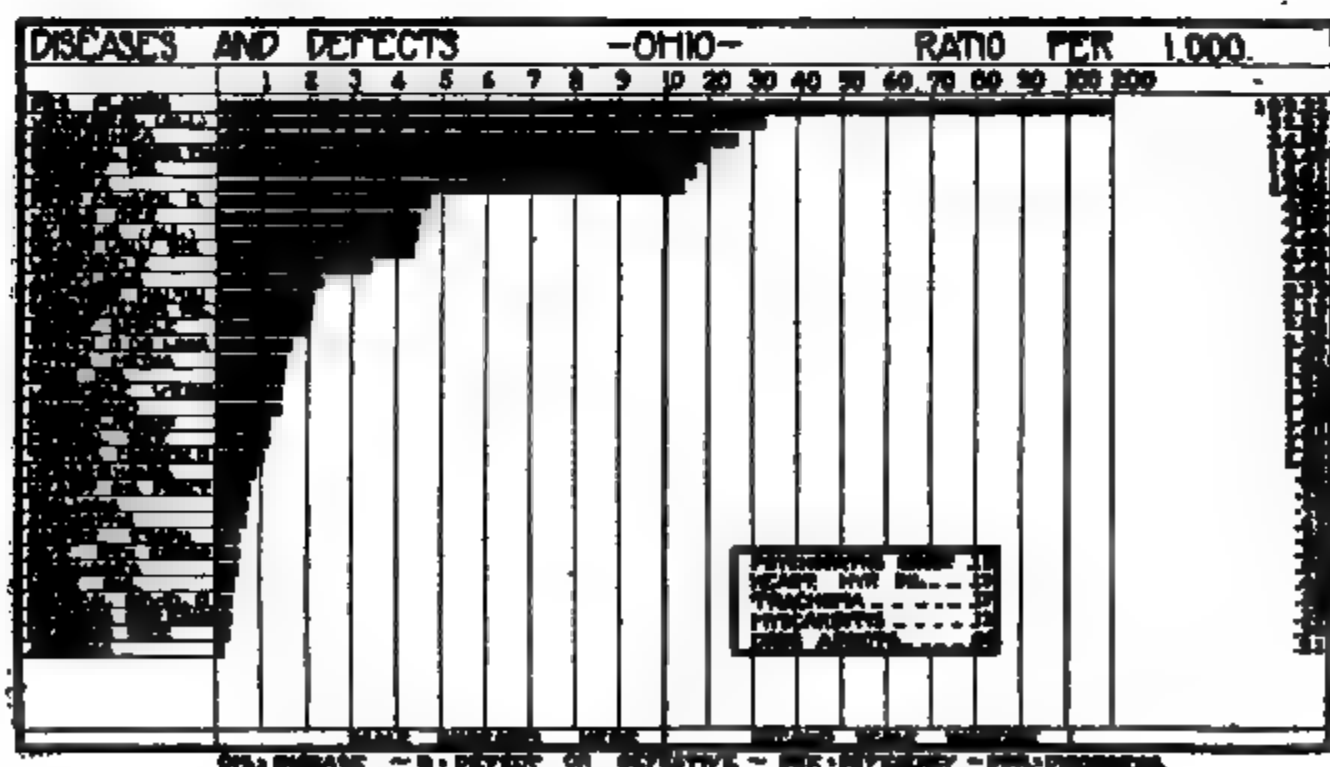


PLATE XXXVI.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from North Carolina, North Dakota, and Ohio.



PLATE XXXVII.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Oklahoma, Oregon, and Pennsylvania.

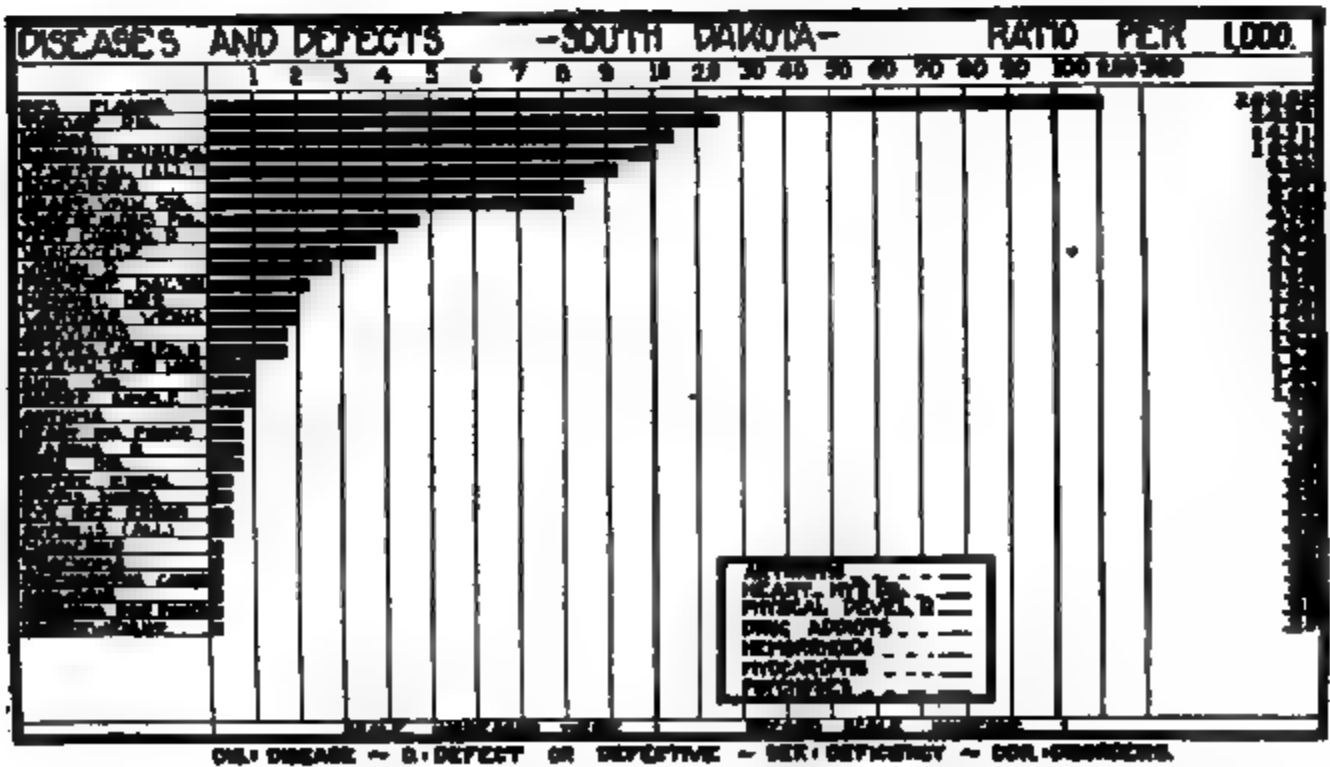


PLATE XXXVIII.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Rhode Island, South Carolina, and South Dakota.



PLATE XL.—Graphs of comparative frequency of various diseases and defects found at mobilization camps in first million men. Ratios per 1,000 recruits from Vermont, Virginia, and Washington.





# APPENDIX.

TABLE I.—Total number of men examined from each State at mobilization camps and disposition of same men; covering approximately first million men sent to camp in period from June, 1917, to May, 1918.

State.	Number of men examined from each State at mobilization camps.	Men accepted as qualified without defects. <sup>1</sup>		Men accepted as qualified with defects.		Number of men accepted with defect for operation.	Men accepted for limited service.		Men rejected.	
		Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.
Alabama.....	10,201	10,185	62.52	5,031	30.88	1	9	0.06	1,065	6.54
Alaska.....	108	44	41.51	59	55.56	1	2	1.86	.....	.....
Arizona.....	84	33	70.18	281	25.19	1	21	.54	158	4.06
Arkansas.....	57	66	73.58	1,946	18.92	.....	20	.28	743	7.22
California.....	39	98	55.80	12,117	33.81	37	351	.98	3,336	9.31
Colorado.....	74	29	60.95	2,407	35.53	.....	14	.21	224	3.31
Connecticut.....	53	44	63.31	3,776	27.66	2	12	.09	1,219	8.98
Delaware.....	69	49	60.19	661	34.63	1	4	.21	94	4.92
District of Columbia.....	64	20	71.71	.....	27.04	.....	9	.20	47	1.04
Florida.....	82	98	58.31	64	32.66	.....	6	.10	484	8.98
Georgia.....	36	33	64.64	70	28.52	4	36	.17	1,368	6.65
Idaho.....	78	14	64.10	.....	28.10	1	34	.63	268	6.94
Illinois.....	59	62	63.39	71	33.08	16	97	.14	2,419	3.43
Indiana.....	44	65	69.12	88	27.12	8	40	.17	838	2.57
Iowa.....	84	46	67.27	81	28.57	1	23	.11	823	4.06
Kansas.....	79	17	63.36	24	32.34	2	39	.39	388	2.89
Kentucky.....	75	73	74.14	91	20.10	.....	23	.14	888	5.89
Louisiana.....	52	93	70.52	78	22.55	3	39	.31	842	6.69
Maine.....	44	31	63.73	86	26.50	1	3	.09	323	9.06
Maryland.....	97	14	59.76	86	39.26	1	24	.24	72	.73
Massachusetts.....	61	96	60.95	64	30.50	8	31	.10	2,542	8.42
Michigan.....	12	64	70.27	48	21.20	6	184	.44	3,410	8.08
Minnesota.....	80	23	69.39	60	27.75	3	27	.10	767	2.75
Mississippi.....	37	17	71.54	.....	20.00	2	42	.48	693	7.86
Missouri.....	73	26	58.90	.....	36.29	10	119	.17	1,062	4.39
Montana.....	80	32	63.85	.....	27.92	3	80	.68	687	7.53
Nebraska.....	30	70	65.60	91	31.02	1	25	.23	343	3.14
Nevada.....	48	44	58.49	75	32.92	.....	11	.76	113	7.83
New Hampshire.....	98	32	66.95	551	24.06	.....	6	.26	199	8.70
New Jersey.....	31	33	66.93	.....	27.91	7	169	.52	1,412	4.62
New Mexico.....	38	26	67.94	77	27.38	3	4	.14	126	4.44
New York.....	39	40	62.17	86	32.34	11	166	.19	4,726	5.29
North Carolina.....	70	51	58.35	70	32.76	3	7	.05	1,339	8.83
North Dakota.....	31	65	67.44	44	29.36	.....	6	.09	206	3.11
Ohio.....	17	30	65.46	83	39.96	1	19	.04	1,904	3.54
Oklahoma.....	64	74	68.33	86	28.13	6	22	.11	676	3.40
Oregon.....	60	71	58.23	17	36.33	2	60	1.54	150	2.85
Pennsylvania.....	68	34	66.62	74	31.48	10	132	.19	1,336	1.70
Rhode Island.....	58	96	60.51	100	30.32	.....	13	.33	350	8.84
South Carolina.....	25	78	65.62	45	25.39	.....	5	.06	897	8.96
South Dakota.....	13	93	67.36	11	30.18	2	7	.17	90	2.24
Tennessee.....	91	186	70.70	81	28.42	.....	7	.06	417	2.84
Texas.....	53	59	68.78	89	28.14	9	27	.06	1,068	2.96
Utah.....	53	42	61.09	119	30.60	7	31	.67	353	7.59
Vermont.....	79	14	63.20	62	.....	.....	4	.19	169	8.13
Virginia.....	60	51	60.27	144	47.86	.....	27	.15	378	2.03
Washington.....	38	87	61.28	37	30.59	4	155	1.15	940	6.96
West Virginia.....	13	196	61.02	31	36.72	1	25	.30	260	2.06
Wisconsin.....	10	140	69.00	.....	25.76	4	47	.26	925	4.97
Wyoming.....	32	57	59.39	632	32.71	.....	25	1.29	118	4.11
State not specified.....	61	102	65.07	26,099	25.61	11	126	.12	9,363	9.19
Total.....	994,206	643,797	64.76	294,875	29.66	182	2,434	.24	52,918	5.22

<sup>1</sup> Obtained by difference.

# 192 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE II.—Table showing number of men accepted with defects for general military service and those rejected at mobilization camps; giving for each disease or defect the number found and the percentage of men accepted and rejected; covering approximately the first 1,000,000 men sent to camp in the period from June, 1917, to May, 1918.

Defect or disease.	1 Total defects found (column 2 plus col- umn 4).	2 Men accepted as qualified for general military service with defects.	3 Percentage of men accepted for general military service with defects to total defects found.	4 Men rejected.	5 Percentage of men rejected to total defects found.
I. Infectious diseases.....	138	66	47.83	72	52.17
II. Tuberculosis, pulmonary.....	4,911	392	7.98	4,519	92.02
Tuberculosis, all others.....	268	25	9.33	243	90.67
III. Venereal diseases:					
Chancroid.....	1,056	949	89.87	107	10.13
Gonococcus infection.....	23,311	22,821	97.90	490	2.10
Syphilis, all.....	4,426	2,928	66.15	1,498	33.85
IV. General diseases:					
Tumors, benign.....	91	68	74.73	23	25.27
Carcinoma.....	2			2	100.00
Obesity.....	50	25	50.00	25	50.00
Cretinism.....	5	1	20.00	4	80.00
Goiter, simple.....	1,834	1,568	85.50	266	14.50
Exophthalmic goiter.....	446	37	8.30	409	91.70
Diabetes mellitus.....	16	1	6.25	15	93.75
Alcoholism, chronic.....	94	24	25.53	70	74.47
Drug addiction.....	286	16	5.59	270	94.41
Arthritis.....	146	146	100.00		
Poisoning, chronic.....	6	3	50.00	3	50.00
Other general diseases.....	409	228	55.75	181	44.25
V. Nervous diseases:					
Speech, defective.....	181	81	23.66	100	76.34
Neurasthenia.....	114	9	7.89	105	92.11
Neuritis.....	51	4	7.84	47	92.16
Ataxia, hereditary.....	3			3	100.00
Multiple sclerosis.....	54	3	5.56	51	94.44
Paralysis of muscle.....	84	22	26.19	62	73.81
Paralysis of nerve.....	39	5	12.82	34	87.18
Epilepsy.....	1,066	38	3.56	1,028	96.44
Jacksonian epilepsy.....	6			6	100.00
Hysteria.....	89	4	4.49	85	95.51
Tabes dorsalis.....	53	1	1.89	52	98.11
Other diseases of the nervous system.....	392	89	22.70	303	77.30
VI. Mental diseases:					
Mental deficiency.....	2,431	98	4.03	2,333	95.97
Dementia praecox.....	339	1	.29	338	99.71
Constitutional psychopathic states.....	309	12	3.88	297	96.12
Psychasthenia.....	89	2	5.13	87	94.37
Psychoneuroses.....	221	4	1.81	217	98.19
Psychoses, alcoholic.....	17	3	17.65	14	82.35
General paralysis of insane.....	33	1	3.03	32	96.97
Psychoses, other.....	238	12	5.04	226	94.96
VII. Diseases of the eye:					
Defective vision (cause not stated).....	7,812	2,000	25.60	5,812	74.40
Strabismus.....	316	166	52.53	150	47.47
Myopia.....	733	278	37.93	455	62.07
Hyperopia.....	183	78	39.89	110	60.11
Astigmatism.....	492	314	63.82	178	36.18
Leucoma.....	17	1	5.88	16	94.12
Cataract.....	113	12	10.62	101	89.38
Conjunctivitis, other.....	389	359	92.29	30	7.71
Conjunctivitis, granular.....	469	83	17.70	386	82.30
Pterygium.....	454	437	92.28	17	3.74
Retinitis.....	1	1	100.00		
Choroiditis.....	64			64	100.00
Amblyopia.....	228	53	23.25	175	76.75
Color blindness.....	7	4	57.14	3	42.86
Glaucoma.....	16	14	87.50	2	12.50
Keratitis.....	13	3	23.08	10	76.92
Nystagmus.....	39	5	12.82	34	87.18
Eye, enucleation of.....	11	5	45.45	6	54.55
Other diseases of the eye.....	391	146	37.34	245	62.66



**TABLE II.**—Table showing number of men accepted with defects for general military service and those rejected at mobilization camps; giving for each disease or defect the number found and the percentage of men accepted and rejected; covering approximately the first 1,000,000 men sent to camp in the period from June, 1917, to May, 1918—Contd.

Defect or disease.	1 Total defects found (column 2 plus col- umn 4).	2 Men accepted as qualified for general military service with defects.	3 Percentage of men accepted for general military service with defects to total defects found.	4 Men rejected.	5 Percentage of men rejected to total defects found.
<b>VIII. Diseases of the ear:</b>					
Defective hearing.....	579	211	36.44	368	63.56
Otitis media.....	2,399	567	23.63	1,832	76.37
Perforated ear drum.....	190	108	56.84	82	43.16
Otitis external.....	18	14	77.78	4	22.22
Other diseases of the ear.....	69	24	34.78	45	65.22
<b>IX. Diseases of the nose:</b>					
External deformity of nose.....	1	.....	.....	1	100.00
Deviation of nasal septum.....	142	137	96.48	5	3.52
Turbinate hypertrophy.....	137	137	100.00	.....	.....
Polypus nasal.....	11	10	90.91	1	9.09
Rhinitis, hypertrophic.....	56	50	89.29	6	10.71
Sinusitis.....	34	18	52.94	16	47.06
Other diseases of the nasal fos- sae.....	140	84	60.00	56	40.00
<b>X. Diseases of the throat:</b>					
Tonsillitis, hypertrophic.....	23,648	23,632	99.93	16	.07
Other diseases of the pharynx..	475	448	94.32	27	5.68
Other diseases of the larynx....	9	5	55.56	4	44.44
<b>XI. Circulatory system:</b>					
Endocarditis, acute, chronic....	368	76	20.65	292	79.35
Valvular heart disease—					
Tricuspid lesions.....	5	1	20.00	4	80.00
Mitral insufficiency.....	4,321	1,203	27.84	3,118	72.16
Mitral stenosis.....	1,542	144	9.34	1,398	90.66
Aortic insufficiency.....	372	59	15.86	313	84.14
Aortic stenosis.....	89	15	16.85	74	83.15
Combined lesions, aortic and mitral.....	61	12	19.67	49	80.33
Pulmonic lesions.....	19	5	26.32	14	73.68
Unclassified.....	330	213	64.55	167	50.61
Myocarditis.....	181	13	7.18	168	92.82
Myocardial insufficiency.....	5	1	20.00	4	80.00
Pericarditis.....	9	1	11.11	8	88.89
Heart block.....	8	2	25.00	6	75.00
Cardiac hypertrophy.....	493	213	43.20	280	56.80
Cardiac dilatation.....	33	6	18.18	27	81.82
Cardiac arrhythmias.....	122	88	72.13	34	27.87
Tachycardia.....	274	.....	.....	274	100.00
Bradycardia.....	6	3	50.00	3	50.00
Hemorrhoids.....	1,025	866	84.49	159	15.51
Varicose veins.....	1,428	902	63.17	526	36.83
Varicocele.....	3,318	3,202	96.50	116	3.50
Other diseases of circulatory system.....	642	431	67.13	211	32.87
<b>XII. Respiratory system:</b>					
Asthma.....	622	70	11.25	552	88.75
Bronchitis.....	374	146	39.04	228	60.96
Pleurisy, fibrinous.....	57	16	28.07	41	71.93
Other diseases of respiratory system.....	387	109	28.17	278	71.83
<b>XIII. Digestive system:</b>					
Defective or deficient teeth.....	4,908	1,080	21.60	3,848	78.40
Gastro-enteroptosis.....	4	.....	.....	4	100.00
Dental caries.....	15	8	53.33	7	46.67
Gastropnoia.....	3	.....	.....	3	100.00
Appendicitis.....	44	24	54.55	20	45.45
Intestinal obstruction.....	2	.....	.....	2	100.00
Hernia.....	13,709	10,338	75.41	3,371	24.59
Inguinal rings, enlargement of..	20,156	20,120	99.82	36	.18
Fistula in ano.....	192	82	42.71	110	57.29
Other diseases of the digestive system.....	720	410	56.94	310	43.06

# 194 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE II.—Table showing number of men accepted with defects for general military service and those rejected at mobilization camps; giving for each disease or defect the number found and the percentage of men accepted and rejected; covering approximately the first 1,000,000 men sent to camp in the period from June, 1917, to May, 1918—Contd.

urinary system (nonvenereal)	1,747	1,368	78.31	379	21.69
XV. Diseases of the skin:					
Bromidrosis.....	13	9	69.23	4	30.77
Raynaud's disease.....	7	3	42.86	4	57.14
Cellulitis.....	2	1	50.00	1	50.00
Keloid.....	7	5	71.43	2	28.57
Large scar of face.....	15	12	80.67	3	19.33
Abdominal scar.....	175	119	68.00	56	32.00
Other diseases of the skin.....	1,371	869	63.38	502	36.62
XVI. Bones and organs of locomotion:					
Osteitis deformans.....	12	1	8.33	11	91.67
Arthritis.....	449	449	100.00	449	100.00
Ankylosis, bony of joint.....	746	442	59.25	304	40.75
Ankylosis, fibrous of joint.....	1,838	1,216	66.16	622	33.84
Bursitis.....	25	14	56.00	11	44.00
Tenosynovitis.....	14	7	50.00	7	50.00
Relaxed ligaments of joint.....	61	23	37.70	38	62.30
Joint, resection of.....	5	4	80.00	1	20.00
Chronic dislocation (other than hand).....	223	72	32.29	151	67.71
Contracture of joint.....	191	150	78.53	41	21.47
Contracture of muscle, fascia, tendon, sheath.....	167	125	80.84	32	19.16
Bunion.....	857	738	86.11	119	13.89
Hammer toe.....	2,752	2,672	97.09	80	2.91
Ingrowing nail.....	41	38	92.68	3	7.32
Contracture of plantar fascia.....	3	1	33.33	2	66.67
Pes cavus.....	231	170	73.59	61	26.41
Pes planus.....	176,424	173,928	98.59	2,496	1.41
Pronated foot.....	3,412	3,194	93.58	218	6.42
Loss of part of the foot.....	715	556	77.76	159	22.24
Deformities of the foot (cause or type not specified).....	557	316	56.73	241	43.27
Ganglion.....	5	4	80.00	1	20.00
Dupuytren's contraction of palmar fascia.....	5	5	100.00	5	100.00
Depressed fracture of skull.....	232	113	48.71	119	51.29
Deformities of hand, result of old injury or infection.....	1,172	805	68.69	367	31.31
Loss of one or more fingers.....	2,632	2,201	83.62	431	16.38
Loss of part or whole of lower extremity.....	62	44	70.97	18	29.03
Shortening of lower extremity.....	601	263	43.76	338	56.24
Loss of part or whole of upper extremity.....	20	13	65.00	7	35.00
Malunion fracture of upper extremity.....	912	555	60.86	357	39.14
Malunion fracture of lower extremity.....	1,016	382	37.60	634	62.40
Malunion fracture, other than extremity.....	87	38	43.68	49	56.32
Nonunion of fracture, upper extremity.....	26	11	42.31	15	57.69
Nonunion of fracture, lower extremity.....	32	10	31.25	22	68.75
Recent operation wounds.....	58	23	39.66	35	60.34
Scar of head.....	26	26	100.00	0	0.00
Curvature of spine.....	743	234	31.49	509	68.51
Hernia of muscle.....	10	5	50.00	5	50.00
Other diseases of bones and organs of locomotion.....	1,619	658	40.64	961	59.36

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 195

TABLE II.—Table showing number of men accepted with defects for general military service and those rejected at mobilization camps; giving for each disease or defect the number found and the percentage of men accepted and rejected; covering approximately the first 1,000,000 men sent to camp in the period from June, 1917, to May, 1918—Contd.

Defect or disease.	1  Total defects found (column 2 plus column 4).	2  Men accepted as qualified for general military service with defects.	3  Percentage of men accepted for general military service with defects to total defects found.	4  Men rejected.	5  Percentage of men rejected to total defects found.
XVII. Malformation and ill-defined diseases:					
Defective physical development.....	745	115	15.44	630	84.56
Deficient chest measurement....	54	32	59.26	22	40.74
Overweight.....	206	115	55.83	91	44.17
Underweight.....	2,589	929	35.88	1,660	64.12
Malnutrition.....	8	2	25.00	6	75.00
Anorchism.....	10	6	60.00	4	40.00
Monorchism.....	104	99	95.19	5	4.81
Cryptorchidism.....	1,459	1,194	81.84	265	18.16
Hypospadia.....	229	201	87.77	28	12.23
Fistula, post operative.....	13	6	46.15	7	53.85
Fistula, other.....	56	33	58.93	23	41.07
Bullet or other recent wound...	293	138	47.10	155	52.90
Ill-defined diseases.....	858	744	86.71	114	13.29
Disease or defect not specified..	276	157	56.88	119	43.12
Under observation or undiagnosed.....	89	.....	56.88	89	100.00
Total.....	347,793	294,875	84.78	52,918	15.22



# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 197

at mobilization camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp.<sup>1</sup>

[Absolute numbers.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
	3				1	2	1			15	2		1	2
	23	13	3	5	6	6		1	16	19	3	2	6	
				1	1	2			3		1		2	
3	49	21	5	7	6	19	1	10	3	14	13	4	27	3
25	1,431	615	291	216	399	316	47	298	349	653	353	238	645	73
	139	72	33	22	189	33	9	13	42	63	48	83	116	6
	9	3	3	1	1	1			2		1		2	
	6	1		1	4							1		
30	336	40	49	6	17	3	1	2		139	69	1	32	87
1	5		1		1			1	1	1	1			
	5	1						1	5		2			
	1		1											
	12	1			1			1	2	7	3	1	5	
1	10	8		1	5	4		7	17	5	3		5	
													1	
1	2				2			1	1	1			1	1
									2					
	1													
	1	1	1	1		1			2				1	
	1	1	1			1								
	1	1	1						1	2		1		
								1						
	4	4	3	3		3	3		1	3	3	1	3	
	2	5	1		2	5		2	4	3		7	3	
	1	1									1			
	3								1					
										1				
2	84	47	16	8	46	53	16	14	235	55	51	55	35	12
1	18	7	2	2	6	1	4	1	16	1	4	4	7	1
	7	20	2	2	6		1	1	9	15	4		5	1
	7	2	1		4		5		3	5			1	
	8	3	1	3	2		9	5	34	5	1		4	
													1	
1	1	1	1			3						1		
1	17	19	5	14	28			3	6	17	8	1	46	4
2	7	2	1		5				1				16	
3	18	5	4	12	2	6			3		2	5	22	5
	5	2	1	1	2			1		2	3		3	
		1									2			
	1	1				1		1		1				
				1						1				
		1												
					1					1				
	9	6	2	2	8		1	1		8	3	4	6	
2	13	8	5	5	8	11	2	1	11	8	3	7	6	5
	24	28	13	9	28	21	1	2	11	16	13	18	23	5
	9							1	5	1	2		3	1
					1					5				
	1	1		1		1			1	1			1	
	8	3	6	1	1	5			3	1	3	1	8	
	2	1				4			3	4	2	2	1	
	2		1											
	2					3			4			1	1	1
	2	3			1									
		2	4	1				1	2		3		3	

<sup>1</sup> Table includes men accepted with defects for general military service only.

# 198 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE III.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

(Absolute numbers.)

Disease or defect.	Nebraska.	Nevada.									
I. Infectious diseases.....	1				3	3	2	2	3	1	
II. Tuberculosis, pulmonary.....		1	34	1	25	3	1	22	3		
Tuberculosis, all other.....			2				1			2	
III. Venereal diseases:											
Chancroid.....	2	1	19	1	27	16	3	76	51		
Gonococcus infection.....	142	18	206	65	1,304	637	95	1,419	714	19	
Syphilis, all.....	19	2	33	2	149	104	16	143	62	3	
IV. General diseases:											
Tumors, benign.....	2		1	1	2			2	1		
Obesity.....								3	1		
Cretinism.....											
Goiter, simple.....	5	2	5		18	3	8	57	5	47	
Exophthalmic goiter.....					1			4			
Diabetes mellitus.....											
Alcoholism, chronic.....			1		1			2			
Drug addiction.....	1		2		5			2	1		
Arthritis.....	1		13		11	4		16	3		
Poisoning, chronic.....								1			
Other general diseases.....			8	1	15	2		13	2	2	
V. Nervous diseases:											
Speech, defective.....			2		1			2	1		
Neurasthenia.....			1		2			1			
Neuritis.....			1				1				
Multiple sclerosis.....											
Paralysis of muscle.....	1				1			1			
Paralysis of nerve.....											
Epilepsy.....	2		1		2	1		5	1		
Hysteria.....											
Tabes dorsalis.....					1						
Other diseases of nervous system.....	1	1	4	1	9	1	1	6	1		
VI. Mental diseases:											
Mental deficiency.....	1		1		3	2		4	3		
Dementia præcox.....											
Constitutional psychopathic states.....			1						3		
Psychasthenia.....								1			
Psychoneuroses.....											
Psychoses, alcoholic.....								1			
General paralysis of insane.....											
Psychoses, other.....			2						1		
VII. Diseases of the eye:											
Defective vision (cause not stated).....	6	1	10	109	2	231	17	10	57	21	3
Strabismus.....	2			4		11	4		5	3	
Myopia.....				26		58	1		6	1	
Hyperopia.....			1	2		14			1		
Astigmatism.....	4		2	15	2	105		2	4		1
Leucoma.....											
Cataract.....	1										
Conjunctivitis, other.....	4	3		1	2	8			8	8	
Conjunctivitis, granular.....	1	1		1		8			3	2	1
Pterygium.....	3	1		3	4	8	65	2	2	25	2
Retinitis.....											
Amblyopia.....				1		3			2	2	
Color blindness.....											
Glaucoma.....				1		1				1	
Keratitis.....											
Nystagmus.....											
Eye, enucleation of.....							1				
Other diseases of the eye.....	2		1	3	2	7	6	2	7	6	1
VIII. Diseases of the ear:											
Defective hearing.....		1	1	2		12	4	1	2	3	1
Otitis media.....	1		2	21		48	5	4	16	24	4
Perforated ear drum.....	1	1	1	11		19	1			1	2
Otitis external.....						1			2		
Other diseases of the ear.....				2			1		1		
IX. Diseases of the nose:											
Deviation of nasal septum.....	2			5		6	11	1	1	3	
Turbinate hypertrophy.....	3			15		24	16	1	3	3	
Polypus, nasal.....											
Rhinitis, hypertrophic.....	1					2	2		1		
Sinusitis.....				1		1	1		2		
Other diseases of the nasal fossæ.....	1			3		9	1	4	6	1	

# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 199

at mobilisation camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp—Continued.

(Absolute numbers.)

3	1	6	2	1	1	2	2	1	4	4	6	6
18				10	8	2	34	1	43	2	28	98
1					1			1			2	25
70		85		■	80	1	65	1	31	7	107	948
1,771	70	856	34	400	1,426	31	25	1,345	97	413	196	22,821
171	6	34	2	71	76	1	182	4	55	14	233	2,928
5	1			2	7		4		3	2	5	68
3				1				1			8	25
				1								1
77		3	4	2	4	23	1	14	106	20	85	1,598
■									5	1	1	37
												1
											2	24
				1						1		16
12		3		3	6		3		2	2	1	146
					1							3
31		2	1	■	11	3	1	6	7	8	1	228
5				1	1				1			31
									1	2		9
2												4
												3
1									1			22
												5
4							6		1			38
1					1							4
												1
4	2	4	1	1	4	1	2	2	2			89
8	2	3		3	2			1	1	■	12	96
					1							1
							1					12
				■								2
												4
1												2
												1
1				1	1						2	12
106	■	7	2	15	40	6	7	15	10	8	24	193
9				2	7		1	2	4	4	2	9
52	1		1	4	6		2	6	1	3	3	14
12							1	3		1	1	4
46	4		1	4	2			3		1	4	6
												1
												2
21		1	1	15	27	2		6	1		2	25
2			1		4	2	1	2	3			7
3	1	3	3	9	90	4		3	2	2	1	49
										1		1
7				1		1		1	3	1	1	5
									1			4
1											1	2
												3
										1	1	5
8	1	1		3			2	2	1	5	2	12
												1
9	2		2	3	7	1	1	1	2	2	3	31
28	5			11	19	2	1	6	12	8	9	44
7		2			9			3	■	1		9
2											1	3
4			1		1							5
12	1			4	5	1		4		■		25
11	1	1			14					1		15
1											1	2
2			1		3						1	9
												18
11			1	3	1			6		4		8

TABLE III.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

**[Absolute numbers.]**

[illegible]



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 201

at mobilization camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

Idaho.	Illnola.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
100	1,626	508	581	198	322	557	70	160	937	463	586	399	552	291
1	15	5	8	30	3	11	2	2	12	1	10	32	82	2
	1													
	5	5		1		12			1	3	2	2	1	
4	115	24	60	22	15	5	1	12	23	53	52	8	34	10
1	16	3	8	1	2					10	3		7	
	3	1				1		1		4		1	1	
	7	1												
	1	1						2						
	1									1				
	4	10	1	2	2	1	1	7	9	1	2		8	2
	1	1							1	1				
			1								1			
1	9	5	1		4	4	1	9	3	6	6	1	2	1
					1									
	5	4			1	1			4	2	4		4	1
	7	4			1	1	1	1	7	3			2	
5	73	25	18	8	10	15	4	2	26	25	23	4	20	7
6	87	22	14	5	11	7	4	7	29	48	44	3	17	18
12	287	89	61	30	84	55	7	16	80	100	87	25	92	29
3	19	8	1	2	4			2	3	3	2		3	5
	3	3				2	1	1	4	4		1	1	3
	5	4	2		1	1	1	2	8	2	1	1		1
										1				
	7	5			4	2			6	3		3	3	1
5	47	23	4	2	16	13	7	5	179	35	22	17	4	13
40	920	217	388	134	138	65	18	94	275	433	295	94	257	104
			4						1	1				
98	929	233	225	67	74	55	94	184	965	738	345	22	231	272
	6		3	1	1	1	1		2	3	2	1	3	
1	31	9	20	1	6	4	2		3	11	12	4	11	2
						1								
3	58	23	11	7	7	6	16	7	30	22	24	4	16	7
	141	41	22	10	21	20	4	8	34	24	18	8	31	15
													1	
		1											2	
													1	
1	1						1				1			1
1	11	1	4	1		3		1	4	4	8		4	1
1	77	16	23	15	8	4	2	3	9	30	18	2	27	13
	1													
2	41	9	16	5	11	5		6	8	12	31	2	13	10
10	88	28	25	23	21	6	5	12	28	27	54	7	48	25
	1							1	1	1			1	
									1				1	
										1				





## 204 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE III.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

[ Absolute numbers. ]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
<b>XVI. Bones and organs of locomotion—Continued.</b>											
Chronic dislocation (other than hand).....	1	.....	3	1	1	.....	.....	1	.....	1	.....
Contracture of joint.....	1	.....	.....	1	8	.....	1	.....	.....	.....	3
Contracture of muscle, fascia, tendon, sheath.....	1	.....	.....	.....	1	1	1	.....	.....	3	.....
Bunion.....	6	1	1	.....	21	6	8	1	2	4	7
Hammertoe.....	16	4	12	9	323	21	27	.....	11	5	9
Ingrowing nail.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....
Contracture of plantar fascia.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Pes cavus.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....
Pes planus.....	2,447	39	572	996	7,259	1,740	1,931	388	857	977	3,135
Pronated foot.....	4	.....	.....	.....	2	.....	75	4	4	61	3
Loss of part of the foot.....	8	.....	6	3	27	7	5	1	1	3	7
Deformities of the foot (cause or type not specified).....	3	1	2	.....	13	2	6	1	1	.....	5
Ganglion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Depressed fracture of skull.....	.....	.....	.....	.....	9	.....	1	.....	.....	.....	2
Deformities of hand, result of old injury or infection.....	14	.....	2	1	34	4	11	2	.....	1	33
Loss of one or more fingers.....	31	1	11	12	100	16	29	4	4	9	20
Loss of part or whole of lower extremity.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Shortening of lower extremity.....	2	.....	.....	.....	9	1	3	1	.....	.....	6
Loss of part or whole of upper extremity.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	1
Malunion fracture of upper extremity.....	8	.....	3	3	35	5	3	4	1	1	8
Malunion fracture of lower extremity.....	2	.....	2	2	25	7	5	2	2	2	8
Malunion fracture other than extremity.....	.....	.....	.....	.....	4	.....	.....	1	.....	.....	1
Nonunion of fracture, upper extremity.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
Nonunion of fracture, lower extremity.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....
Recent operation wounds.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Scar of head.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Curvature of spine.....	3	.....	2	2	10	3	7	2	1	1	4
Hernia of muscle.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other diseases of bones and organs of locomotion.....	1	.....	4	2	22	3	35	.....	1	2	6
<b>XVII. Malformation and ill-defined diseases:</b>											
Defective physical development.....	.....	.....	.....	.....	4	.....	1	.....	2	1	2
Deficient chest measurement.....	.....	.....	.....	.....	1	1	2	.....	1	.....	.....
Overweight.....	1	.....	.....	.....	5	1	6	.....	6	1	.....
Underweight.....	20	.....	2	2	31	2	21	10	18	2	61
Malnutrition.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Monorchism.....	.....	.....	.....	.....	7	.....	4	.....	.....	1	1
Cryptorchidism.....	12	.....	2	5	41	9	2	.....	7	1	24
Hypospadia.....	.....	.....	.....	2	5	.....	.....	.....	1	1	6
Fistula, postoperative.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
Fistula, other.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Bullet or other recent wound.....	4	.....	.....	2	4	1	2	3	1	2	9
Ill-defined diseases.....	8	.....	.....	.....	.....	.....	5	.....	1	8	23
Disease or defect not specified.....	5	.....	2	6	17	4	10	.....	.....	2	6
<b>Total number of men accepted as qualified with defects.....</b>	<b>5,031</b>	<b>59</b>	<b>981</b>	<b>1,946</b>	<b>12,117</b>	<b>2,407</b>	<b>3,776</b>	<b>661</b>	<b>1,218</b>	<b>1,954</b>	<b>5,970</b>

at mobilization camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
1	4	3	1	.....	1	.....	.....	2	3	2	1	.....	2	.....
2	10	8	5	2	2	.....	.....	.....	2	3	3	2	6	1
.....	2	1	1	.....	.....	.....	.....	1	1	1	2	.....	.....	.....
1	45	13	9	9	7	5	.....	4	13	28	39	1	15	5
13	219	50	64	17	15	16	5	17	68	69	119	5	41	32
.....	1	2	.....	.....	1	.....	.....	.....	1	2	1	.....	.....	.....
.....	7	2	7	1	.....	.....	.....	5	2	24	1	.....	5	2
724	15,131	3,736	3,618	2,157	1,489	1,421	491	2,817	5,137	5,388	4,896	636	6,239	2,069
2	34	1	3	1	4	3	10	39	165	3	7	3	3	2
4	42	9	13	6	11	4	6	6	11	11	26	1	16	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	17	5	5	1	6	1	.....	3	9	10	10	3	13	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
1	6	2	.....	2	7	.....	.....	3	3	2	1	.....	6	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	52	23	17	16	14	8	3	5	20	19	18	3	26	15
9	158	60	73	31	44	9	5	24	61	84	95	15	54	42
.....	5	2	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	1
.....	16	2	3	2	2	.....	2	3	4	5	10	.....	5	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	34	23	9	9	15	.....	.....	1	11	12	13	3	26	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	27	8	9	13	2	2	1	1	11	4	7	3	14	6
.....	2	1	1	1	1	.....	.....	.....	2	.....	.....	.....	.....	1
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
3	59	7	1	1	3	1	1	.....	2	10	7	.....	14	5
.....	1	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	27	17	8	9	4	5	2	7	15	13	21	5	14	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	11	5	1	.....	4	.....	.....	.....	4	4	6	.....	3	1
.....	3	1	.....	.....	.....	.....	.....	.....	1	3	.....	.....	1	.....
.....	18	4	1	2	2	1	1	2	3	4	1	2	3	.....
3	149	9	24	18	4	12	10	5	31	21	21	5	37	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	5	.....	.....	1	.....	.....	2	5	2	5	.....	1	4
4	101	37	23	15	20	5	1	10	44	43	51	5	31	17
.....	30	5	6	3	5	6	.....	1	4	4	8	.....	4	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	5	2	.....	1	1	1	1	.....	2	1	.....	.....	1	1
.....	10	3	.....	1	5	1	.....	1	1	2	1	4	7	5
.....	62	29	15	9	8	5	2	5	29	19	15	2	26	2
.....	36	2	5	5	9	3	.....	5	17	1	.....	.....	.....	4
1,146	23,271	6,358	5,881	3,224	3,191	2,875	886	3,886	9,204	8,948	7,650	1,773	9,135	3,289

206 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE III.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering  
[Absolute numbers.]

Disease or defect.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
<b>XVI. Bones and organs of locomotion—Continued.</b>											
Chronic dislocation (other than hand).....	1	.....	.....	1	1	6	1	.....	2	1	.....
Contracture of joint.....	.....	.....	.....	2	1	12	2	1	5	3	.....
Contracture of muscle, fascia, tendon, sheath..	1	.....	.....	1	1	4	5	1	.....	1	.....
Bunion.....	9	.....	1	14	3	16	23	2	45	6	1
Hammertoe.....	30	19	2	167	9	274	18	83	147	15	14
Ingrowing nail.....	.....	.....	.....	1	.....	3	.....	.....	3	.....	.....
Contracture of plantar fascia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pes cavus.....	1	.....	.....	6	1	7	1	.....	12	2	1
Pes planus.....	2,454	268	304	4,189	502	19,231	3,107	1,202	10,602	2,856	851
Pronated foot.....	2	.....	1	52	.....	110	22	1	49	1	.....
Loss of part of the foot....	9	.....	2	9	1	52	6	7	24	13	8
Deformities of the foot (cause or type not specified).....	5	.....	1	22	1	20	5	3	21	5	2
Ganglion.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Depressed fracture of skull	1	2	.....	3	.....	7	.....	.....	9	2	2
Deformities of hand, result of old injury or infection.....	10	2	4	28	2	52	11	9	62	6	4
Loss of one or more fingers.	17	7	8	75	5	136	25	16	159	39	13
Loss of part or whole of lower extremity.....	.....	.....	.....	1	.....	.....	1	1	2	4	.....
Shortening of lower extremity.....	.....	1	.....	9	.....	29	2	.....	12	1	.....
Loss of part or whole of upper extremity.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Malunion fracture of upper extremity.....	11	2	2	22	.....	42	13	5	33	11	8
Malunion fracture of lower extremity.....	9	.....	.....	6	1	23	6	2	21	4	2
Malunion fracture other than extremity.....	1	.....	.....	1	.....	3	.....	.....	3	.....	.....
Nonunion of fracture, upper extremity.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....
Nonunion of fracture lower extremity.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
Recent operation wounds.	.....	.....	1	1	.....	.....	.....	.....	2	.....	.....
Scar of head.....	.....	.....	.....	2	.....	3	1	.....	1	.....	.....
Curvature of spine.....	.....	.....	3	8	1	30	9	3	17	4	.....
Hernia of muscle.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Other diseases of bones and organs of locomotion.	6	.....	.....	19	2	48	11	6	25	3	.....
<b>XVII. Malformation and ill-defined diseases:</b>											
Defective physical development.....	3	2	.....	5	.....	11	2	2	4	2	.....
Deficient chest measurement.....	.....	.....	.....	2	.....	.....	.....	.....	1	1	.....
Overweight.....	1	.....	1	1	1	11	2	.....	9	6	.....
Underweight.....	1	.....	2	49	1	112	6	1	16	32	.....
Malnutrition.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Monorchism.....	1	.....	.....	4	.....	11	1	.....	1	2	.....
Cryptorchidism.....	16	2	3	65	7	130	7	14	40	31	7
Hypospadia.....	2	.....	.....	6	.....	14	5	1	10	1	.....
Fistula, postoperative.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....
Fistula, other.....	.....	.....	.....	2	.....	1	1	.....	.....	.....	.....
Bullet or other recent wound.....	.....	.....	.....	5	.....	4	1	.....	4	1	1
Ill-defined diseases.....	11	.....	1	30	1	111	15	4	115	16	1
Disease or defect not specified.....	4	.....	.....	1	1	2	1	.....	2	1	.....
Total number of men accepted as qualified with defects.....	3,391	475	551	8,520	777	28,896	4,970	1,944	16,663	5,586	1,417

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 207

at mobilization camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not speci- fied.	Total.
9			1	2	3	1	1	1	1	2	1		9	72
17		2	1	1	6			16	5	4	2		10	150
74	1	1		2	1			12		2	1		11	135
124	6	13	4	11	16	2	1	64	6	28	16	5	73	738
217	6	12	12	12	48	14	9	96	108	27	37	10	249	2,672
2					4			7	1	1			5	38
														1
50		2	1	1	3		1	8		6	2		6	170
12,325	699	1,069	838	2,130	5,270	916	297	4,347	2,375	2,631	3,134	396	15,585	173,928
1,819	10	11	1	69	3	2	10	303		134	5	1	155	3,194
45		8	6	9	28	4	3	9	12	4	12	3	42	556
47	2	2	2	3	11	2		2	6	2	6	3	20	316
													1	4
4		1		3	4	2		3	3	4	3		14	113
60	3	6	2	20	16	2	3	34	9	12	15	3	86	805
172	11	7	10	36	60	8	6	62	37	21	54	3	213	2,201
4		2			6				1	2	2		6	44
66		2		2	7	2	1	13	4	10	1		24	263
1		1			1			2					2	13
38	2	3	4	9	20	5	3	18	14	4	11	1	35	555
29		4	4	7	14	6	1	9	19	8	4	1	34	382
4			1					1	1				3	33
										1		1	1	11
1														10
1		1	1		2			2					5	22
3		1		1				1					2	26
19		2		7	7		3	26	2	2			36	334
1									1					5
104	4	4	4	10	15	3	1	79	7	18	10	1	48	658
6	1			2	2	1	1	1	1	2	2		15	115
6					3	1				1			3	32
9		1		1							1		7	115
23	9	5	1	11	27	4	3	11	8	2	15		64	929
1														2
1								1					1	6
4		5			8	1		2	2		4		10	99
97	7	10	7	13	55	4	5	17	12	10	31	2	92	1,194
23	1	1		3	9	1		3	1	5	3		20	201
	1													6
1		1			2			1	1	1	1		3	33
5	1	3		5	6	2	1	4	3	6	1	3	13	138
43	5	20	1	8	34	2		15	2	12	19		5	744
1													5	157
24,774	1,200	2,545	1,211	3,881	10,089	1,419	592	8,844	4,137	4,631	4,794	632	26,099	204,875

**TABLE IV.**—*Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering*

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	Distriet of Col- umbia.	Florida.	Georgia.
I. Infectious diseases.....	0.08	.....	.....	.....	.....	.....	0.22	.....	.....	0.17	0.06
II. Tuberculosis, pulmonary..	.31	.....	0.51	0.19	0.11	0.30	.29	3.67	1.11	.17	.51
Tuberculosis, all other.....	.....	.....	.....	.....	.03	.....	.....	.52	.....	.17	.....
III. Venereal diseases:											
Chancroid.....	2.27	.....	.51	.58	.14	.30	.37	.52	.89	2.34	2.45
Gonococcus infection..	61.44	9.43	26.96	11.18	7.70	19.78	11.21	19.91	19.09	64.86	42.80
Syphilis, all.....	21.18	.....	2.57	1.56	.73	2.21	1.39	5.76	1.33	14.21	9.12
IV. General diseases:											
Tumors, benign.....	.....	.....	.....	.....	.....	.....	.07	.....	.....	.17	.14
Obesity.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cretinism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Goiter, simple.....	.....	9.43	.26	.29	2.18	.59	.07	.....	.44	.....	.05
Exophthalmic goiter..	.....	.....	.....	.....	.03	.....	.07	.....	.44	.....	.....
Diabetes mellitus.....	.....	.....	.....	.....	.....	.....	.15	.....	.....	.....	.....
Alcoholism, chronic....	.....	.....	.....	.....	.06	.....	.07	.....	.....	.....	.....
Drug addiction.....	.....	.....	.....	.....	.....	.....	.07	.....	.....	.....	.....
Arthritis.....	.25	.....	.....	.19	.11	.15	.07	2.10	.....	.50	.14
Poisoning, chronic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other general diseases..	.31	.....	.51	.....	.14	.....	.29	1.57	.44	.....	.29
V. Nervous diseases:											
Speech, defective.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.17	.....
Neurasthenia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Neuritis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Multiple sclerosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06
Paralysis of muscle....	.....	.....	.26	.....	.20	.....	.....	.....	.....	.....	.05
Paralysis of nerve.....	.....	.....	.....	.....	.....	.15	.....	.....	.....	.....	.....
Epilepsy.....	.....	.....	.....	.....	.03	.....	.07	.....	.....	.....	.05
Hysteria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tabs dorsalis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other diseases of ner- vous system.....	.12	.....	.....	.10	.06	.....	.07	.....	.....	.17	.....
VI. Mental diseases:											
Mental deficiency.....	.18	.....	.....	.68	.03	.....	.....	.....	.....	.....	.10
Dementia præcox.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Constitutional psy- chopathic states.....	.....	.....	.....	.....	.....	.....	.....	2.10	.....	.....	.....
Psychasthenia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Psychoneuroses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Psychoses, alcoholic...	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....	.....
General paralysis of insane.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Psychoses, other.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10
VII. Diseases of the eye:											
Defective vision (cause not stated).....	2.76	.....	1.03	4.57	1.26	1.77	12.30	.52	1.33	1.50	1.53
Strabismus.....	.12	.....	.77	.....	.25	.....	.15	.....	.....	.....	.19
Myopia.....	.12	.....	.....	.....	.25	.15	.15	.52	.22	.....	.19
Hyperopia.....	.....	.....	.51	.....	.03	.15	.07	.....	.....	.....	.05
Astigmatism.....	.....	.....	.26	.....	.17	.15	1.46	.....	.44	.17	.05
Leucoma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cataract.....	.....	.....	.....	.10	.....	.....	.....	.....	.....	.17	.....



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 209

at mobilization camps, after examination by local and some by advisory boards, for the 1,000,000 men sent to camp.<sup>1</sup>

[Ratios per 1,000 men examined from each State.]

Idaho.	Illinoi.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
.....	0.04	.....	.....	.....	0.06	0.16	0.30	.....	.....	0.36	0.07	.....	0.04	0.17
.....	.33	0.55	0.15	0.50	.38	.47	.....	0.10	0.53	.45	.11	0.23	.24	.....
.....	.....	.....	.....	.10	.06	.16	.....	.....	.10	.....	.04	.....	.08	.....
0.74	.70	.90	.24	.70	.38	1.49	.30	1.01	.10	.33	.47	.45	1.07	.25
6.13	20.81	26.23	14.14	21.66	25.13	24.78	14.05	30.11	11.56	15.47	12.81	26.96	25.62	6.20
.....	1.97	3.07	1.60	2.21	8.76	2.59	2.69	1.31	1.39	1.49	1.74	9.40	4.61	.51
.....	.13	.13	.15	.10	.06	.08	.....	.....	.07	.....	.04	.....	.08	.08
.....	.09	.04	.....	.10	.25	.....	.....	.....	.....	.....	.....	.11	.....	.....
7.36	4.77	1.71	2.38	.60	1.07	.24	.30	.20	.....	3.29	2.50	.11	1.27	7.88
.25	.07	.....	.05	.....	.06	.....	.....	.10	.03	.02	.04	.....	.....	.....
.....	.07	.04	.....	.....	.....	.....	.....	.10	.03	.....	.....	.....	.....	.....
.....	.01	.....	.05	.....	.....	.....	.....	.10	.17	.....	.07	.....	.....	.....
.....	.17	.04	.....	.....	.06	.....	.....	.10	.07	.17	.11	.11	.20	.....
.25	.14	.34	.....	.10	.31	.31	.....	.71	.56	.12	.11	.....	.04	.....
.25	.03	.....	.....	.....	.13	.....	.....	.10	.03	.02	.....	.....	.04	.08
.....	.....	.....	.....	.....	.....	.....	.....	.....	.07	.....	.....	.....	.....	.....
.....	.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.01	.04	.05	.10	.....	.08	.....	.....	.07	.....	.....	.....	.04	.....
.....	.01	.04	.....	.....	.....	.08	.....	.....	.....	.....	.....	.....	.....	.....
.....	.01	.04	.05	.....	.....	.....	.....	.....	.06	.05	.....	.11	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.10	.....	.....	.....	.....	.....	.....
.....	.06	.17	.15	.30	.....	.24	.90	.....	.03	.07	.11	.11	.12	.....
.....	.03	.21	.05	.....	.13	.39	.....	.20	.13	.07	.....	.79	.12	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.01	.04	.....	.....	.....	.....	.....	.....	.....	.....	.04	.....	.....	.....
.....	.04	.....	.....	.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.02	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.08	.....	.10	.....	.....	.....	.....	.....	.....
.49	1.19	2.00	.78	.80	2.90	4.16	4.78	1.41	7.79	1.30	1.85	6.23	1.39	1.02
.25	.26	.30	.10	.20	.38	.08	1.20	.10	.53	.02	.15	.45	.28	.08
.....	.10	.85	.10	.20	.38	.....	.30	.10	.30	.36	.15	.....	.20	.08
.....	.10	.09	.05	.....	.25	.....	1.50	.....	.10	.12	.....	.....	.04	.....
.....	.11	.18	.05	.30	.13	.....	2.69	.51	1.13	.12	.04	.....	.16	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.04	.....
.....	.01	.04	.05	.....	.....	.24	.....	.....	.....	.....	.....	.11	.....	.....
.25	.24	.81	.24	1.40	1.76	.....	.....	.30	.20	.40	.29	.11	1.83	.34
.49	.10	.09	.05	.....	.31	.....	.....	.....	.03	.....	.....	.....	.64	.....
.74	.26	.21	.19	1.20	.13	.47	.....	.....	.10	.....	.07	.57	.87	.42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.07	.09	.05	.10	.13	.....	.....	.10	.....	.05	.11	.....	.12	.....
.....	.....	.04	.....	.....	.....	.....	.....	.....	.....	.....	.07	.....	.....	.....
.....	.01	.04	.....	.....	.....	.08	.....	.10	.....	.02	.....	.....	.....	.....
.....	.....	.....	.....	.10	.....	.....	.....	.....	.....	.02	.....	.....	.....	.....
.....	.....	.04	.....	.....	.....	.....	.....	.....	.....	.02	.....	.....	.....	.....
.....	.....	.....	.....	.....	.06	.....	.....	.....	.....	.02	.....	.....	.....	.....
.....	.13	.26	.10	.20	.50	.....	.30	.10	.....	.19	.11	.45	.24	.....
.....	.18	.34	.24	.50	.50	.86	.60	.10	.36	.19	.11	.79	.24	.42
.49	.34	1.19	.63	.90	1.76	1.65	.30	.20	.36	.38	.47	2.04	.91	.42
.....	.13	.....	.....	.....	.....	.....	.....	.10	.17	.02	.07	.....	.12	.08
.....	.....	.....	.....	.....	.06	.....	.....	.....	.....	.12	.....	.....	.....	.....
.....	.01	.04	.....	.10	.....	.08	.....	.....	.03	.02	.....	.....	.04	.....

<sup>1</sup> This table includes men accepted with defects for General Military Service only.

# 210 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IV.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
I. Infectious diseases.....	0.09					0.03	0.13	0.03	0.04	0.15	0.25
II. Tuberculosis, pulmonary.....			0.44	1.11	0.35	.28	.13	.15	.41	.15	.51
Tuberculosis, all other.....				.07				.15			
III. Venereal diseases:											
Chancroid.....	.18	0.69		.62	.35	.41	1.05	.45	1.41	2.57	
Gonococcus infection..	12.99	11.09	10.05	12.94	22.25	14.60	28.15	14.85	26.37	35.94	4.5
Syphilis, all.....	1.74		.87	1.08	.70	1.67	6.86	2.42	2.66	3.12	.72
IV. General diseases:											
Tumors, benign.....	.18			.03	.35	.02			.04	.05	
Obesity.....									.06	.05	
Cretinism.....											
Goiter, simple.....	.46	1.39		.16		.20	.20	1.21	1.62	.25	12.05
Exophthalmic goiter..						.01			.07		
Diabetes mellitus.....											
Alcoholism, chronic.....				.03		.01			.04		
Drug addiction.....	.09			.07		.06			.04	.05	
Arthritis.....	.09			.43		.12	.26		.30	.15	
Poisoning, chronic.....									.02		
Other general diseases.....				.26	.35	.17	.13		.24	.10	.51
V. Nervous diseases:											
Speech, defective.....				.07		.01			.04	.05	
Neurasthenia.....				.03		.02			.02		
Neuritis.....				.03				.15			
Multiple sclerosis.....											
Paralysis of muscle....	.09					.01			.02		
Paralysis of nerve.....											
Epilepsy.....	.18			.03		.02	.07		.09	.05	
Hysteria.....						.01					
Tabes dorsalis.....											
Other diseases of nervous system.....	.09	.69		.13	.35	.10	.07	.15	.11	.05	
VI. Mental diseases:											
Mental deficiency.....	.09			.03		.03	.13		.07	.15	
Dementia præcox.....											
Constitutional psychopathic states.....				.03						.15	
Psychasthenia.....									.02		
Psychoneuroses.....											
Psychoses, alcoholic..									.02		
General paralysis of insane.....											
Psychoses, other.....				.07						.05	
VII. Diseases of the eye:											
Defective vision (cause not stated).....	.55	.69	4.37	3.57	.70	2.36	1.12	1.51	1.06	1.05	.77
Strabismus.....	.18			.13		.12	.26		.09	.15	
Myopia.....				.85		.65	.07		.11	.05	
Hyperopia.....			.44	.07		.16			.02		
Astigmatism.....	.37		.87	.49	.70	1.18		.30	.07		.26
Leucoma.....											
Cataract.....	.09										
Conjunctivitis, granular.....	.09	.69		.03		.09			.06	.10	.26
Conjunctivitis, other..	.37	2.08		.03	.70	.09	.26		.15	.40	
Pterygium.....	.27	.69		.10	1.41	.03	4.28	.30	.04	1.26	.51
Retinitis.....											
Amblyopia.....				.03		.03			.04	.10	
Color blindness.....											
Glaucoma.....				.03		.01				.05	
Keratitis.....											
Nystagmus.....											
Eye, enucleation of...							.07				
Other diseases of the eye.....	.18		.44	.10	.70	.08	.40	.30	.13	.30	.26
VIII. Diseases of the ear:											
Defective hearing.....		.69	.44	.07		.13	.26	.15	.04	.15	.26
Otitis media.....	.09		.87	.69		.54	.33	.60	.30	1.21	1.03
Perforated ear drum..	.09	.69	.44	.36		.21	.07			.05	.51
Otitis external.....						.01			.04		
Other diseases of the ear.....				.07			.07		.02		



# 212 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IV.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
<b>IX. Diseases of the nose:</b>											
Deviation of nasal septum.....	0.61				0.06				0.22		0.10
Turbinate hypertrophy.....	.06				.06	0.15					.05
Polypus nasal.....	.06				.03						
Rhinitis hypertrophic.....	.61			0.10	.03	.59					
Sinusitis.....											
Other diseases of the nasal fossæ.....				.39	.03	.15		0.52			.10
<b>X. Diseases of the throat:</b>											
Tonsillitis hypertrophic.....	24.98		9.50	43.46	30.14	16.09	26.22	34.05	10.21	17.72	15.82
Other diseases of the pharynx.....	.37		1.28	.19	.20	1.62	.22	.52		.33	.91
Other diseases of the larynx.....							.07				
<b>XI. Circulatory system:</b>											
Endocarditis, acute, chronic.....	.18			.87	.06		.07				
Valvular heart disease—											
Tricuspid lesions.....											
Mitral insufficiency.....	.61		.77	1.17	1.59	.30	.66	5.24	.44	.67	.67
Mitral stenosis.....	.18			.19	.14	.15	.15		.22	.33	.05
Aortic insufficiency.....					.14		.07	.52			.05
Aortic stenosis.....											
Combined lesions, aortic and mitral.....			.26								
Pulmonic lesions.....											
Unclassified.....	.12			.19	.36	.15	.51			.33	.14
Myocarditis.....	.06										.10
Myocardial insufficiency.....											
Pericarditis.....											
Heart block.....											
Cardiac hypertrophy.....	.06			.10	.06	.15	.22	1.05	.22	.17	.33
Cardiac dilatation.....				.10					.22		
Cardiac arrhythmias.....	.06			.19	.06	.30	.07			.17	
Tachycardia.....					.06	.15	.15	1.05	.22	.33	.15
Bradycardia.....						.15					
Hemorrhoids.....	.68		1.03	1.17	.64	.59	.95		.44	1.17	1.45
Varicose veins.....	.25		.77	.49	1.23	1.18	1.32		1.11	.33	.33
Varicocele.....	2.82		4.88	2.92	2.51	4.13	2.56	5.76	1.33	3.34	3.73
Other diseases of circulatory system.....	.49		.77	.39	.39		.15	.52	.44	.84	.24
<b>XII. Respiratory system:</b>											
Asthma.....	.12		.26	.10			.22		.22	.33	.34
Bronchitis.....	.06			.10	.14		.29	1.05		.17	1.45
Pleurisy, fibrinous.....				.19							
Other diseases of respiratory system.....	.18			.19	.11		.07			.33	.14
<b>XIII. Digestive system:</b>											
Defective or deficient teeth.....	.49			.29	1.20	.30	3.15	2.10	.22	.67	1.19
Dental caries.....							.15				.05
Appendicitis.....					.06						
Hernia.....	10.37	18.87	10.27	5.15	11.30	10.19	6.52	6.81	6.22	12.54	15.19
Inguinal rings, enlargement of.....	7.73	75.47	15.41	3.69	42.75	12.99	36.33	17.29	11.99	13.87	10.06
Fistula in ano.....	.18		.26		.08	.15	.15		.22	.17	.58
Other diseases of the digestive system.....	.49			.10	.11	.15	.15		.44	.33	.72

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 213

at mobilisation camps, after examination by local and some by advisory boards, for the 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
.....	0.11	0.13	0.29	0.10	0.06	0.39	.....	.....	0.10	0.02	0.11	0.11	0.32	.....
.....	.03	.04	.....	.....	.....	.31	.....	.....	.10	.09	.07	.23	.04	.....
.....	.03	.....	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.03	.....	.....	.....	.....	.24	.....	.....	.13	.....	.....	.11	.04	0.08
.....	.03	.13	.....	.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.09	.19	.10	.....	.....	.....	0.10	.07	.....	.11	.....	.12	.....
24.52	23.08	21.67	23.23	19.85	20.28	43.68	20.93	16.17	31.05	10.97	21.26	45.20	21.93	24.70
.25	.21	.21	.89	3.01	.19	.86	.60	.20	.40	.02	.36	3.63	3.26	.17
.....	.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.07	.21	.....	.10	.....	.94	.....	.....	.03	.07	.07	.23	.04	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.98	1.63	1.02	2.91	2.21	.94	.39	.30	1.21	.76	1.26	1.89	.34	1.35	.85
.25	.23	.13	.39	.10	.13	.....	.....	.....	.....	.24	.11	.....	.28	.....
.....	.04	.04	.....	.....	.....	.08	.....	.10	.....	.09	.....	.11	.04	.....
.....	.10	.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.01	.04	.....	.....	.....	.....	.....	.20	.....	.....	.....	.11	.....	.....
.....	.01	.....	.....	.....	.....	.....	.....	.....	.....	.02	.....	.....	.....	.....
.....	.06	.43	.05	.20	.13	.08	.30	.71	.30	.02	.07	.....	.12	.17
.....	.01	.04	.....	.....	.....	.....	.....	.....	.03	.02	.....	.....	.....	.....
.....	.....	.....	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.25	.13	.21	.05	.....	.25	.31	.30	.91	.10	.14	.22	.11	.08	.08
.....	.....	.....	.....	.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.07	.17	.....	.....	.06	.08	.....	.....	.13	.05	.15	.....	.16	.08
.....	.10	.17	.....	.....	.06	.08	.30	.10	.23	.07	.....	.....	.08	.....
1.23	1.04	1.07	.87	.80	.63	1.18	1.20	.20	.86	.59	.83	.45	.79	.59
1.47	1.23	.94	.68	.50	.69	.55	1.20	.71	.96	1.14	1.60	.34	.68	1.10
2.94	4.07	3.80	2.96	3.01	5.29	4.31	2.09	1.62	2.65	2.37	3.16	2.83	3.65	2.46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.74	.27	.34	.05	.20	.25	.....	.....	.20	.10	.07	.07	.....	.12	.42
.....	.04	.13	.....	.....	.....	.16	.30	.10	.13	.09	.....	.11	.04	.25
.....	.07	.17	.10	.....	.06	.08	.30	.20	.27	.05	.04	.11	.....	.06
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.02	.....	.....	.....	.....
.....	.10	.21	.....	.....	.25	.16	.....	.....	.20	.07	.....	.34	.12	.08
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.23	.67	.98	.19	.20	1.01	1.02	2.09	.51	5.98	.83	.80	1.98	.16	1.10
.....	.....	.....	.19	.....	.....	.....	.....	.....	.03	.02	.....	.....	.....	.....
9.81	13.06	9.26	18.85	13.44	8.69	5.10	5.38	9.50	9.11	10.26	10.70	10.65	10.21	8.83
24.03	13.19	9.94	10.93	6.72	4.66	4.31	28.11	18.59	32.64	17.48	12.52	2.49	9.18	23.09
.....	.09	.....	.15	.10	.06	.08	.30	.....	.07	.07	.07	.11	.12	.....
.25	.44	.38	.97	.10	.38	.31	.60	.....	.10	.26	.44	.45	.44	.17

# 214 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IV.—Men accepted as qualified for general military service with defects as listed period from June 1917, to May, 1918, by States, covering

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hamp- shire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
<b>IX. Diseases of the nose:</b>											
Deviation of nasal sep- tum.....	0.18			0.16		0.07	0.73	0.15	0.02	0.15	
Turbinate hypertrophy.....	.27			.49		.27	1.05	.15	.08	.40	
Polypus nasal.....											
Rhinitis hypertrophic.....	.09					.02	.13		.02		
Sinusitis.....				.03		.01	.07		.04		
Other diseases of the nasal fossæ.....	.09			.10		.10	.07	.60	.11	.05	
<b>X. Diseases of the throat:</b>											
Tonsillitis hypertrophic.....	21.50	27.03	22.73	35.11	20.08	21.10	27.02	22.65	16.78	27.94	41.54
Other diseases of the pharynx.....	1.46		.44	.33	1.76	.35	.53		.11	.40	
Other diseases of the larynx.....											
<b>XI. Circulatory system:</b>											
Endocarditis, acute, chronic.....			.44	.10		.07			.13	.05	
Valvular heart dis- ease—											
Tricuspid lesions.....											
Mitral insufficiency.....	1.74	1.39	3.06	2.72	1.41	.94	.92	1.36	.46	1.51	1.54
Mitral stenosis.....	.18			.56	.35	.03	.07		.08	.05	
Aortic insufficiency.....	.18			.20	.35	.02	.07		.06		
Aortic stenosis.....				.03		.02					
Combined lesions, aortic and mitral.....				.07		.01					
Pulmonic lesions.....				.03		.01					
Unclassified.....	.09		.87	.88		.41	.07		.15	.05	
Myocarditis.....				.07		.01					
Myocardial insuffi- ciency.....											
Pericarditis.....				.03							
Heart block.....							.07		.02		
Cardiac hypertro- phy.....	.18		.87	.39		.38	.40		.06	.15	.77
Cardiac dilatation.....						.01					
Cardiac arrhythmias.....				.20		.09	.07	.15	.06	.10	
Tachycardia.....	.55		.44	.43	.70	.36	.20	.30	.22	.20	.26
Bradycardia.....											
Hemorrhoids.....	.91	9.70	.44	.69		.66	1.19	1.06	.80	.65	.26
Varicose veins.....	1.01			.66	.70	.90	.46	1.36	.72	.50	.77
Varicocele.....	1.74	2.06	2.62	2.23	2.11	2.36	3.03	3.93	3.36	3.17	4.36
Other diseases of cir- culatory system.....	.09			.39		.21	.66		.09	.15	
<b>XII. Respiratory system:</b>											
Asthma.....		.69		.07		.03	.13		.02	.05	.26
Bronchitis.....	.09			.52		.17	.13		.04		
Pleurisy, fibrinous.....				.03		.02			.07		
Other diseases of res- piratory system.....	.09			.16	.35	.08	.13		.19	.05	.26
<b>XIII. Digestive system:</b>											
Defective or deficient teeth.....	.18		3.06	3.73	.70	1.63	.73	.45	.35	.15	1.03
Dental caries.....				.07					.02		
Appendicitis.....	.18			.03		.03			.02	.05	
Hernia.....	9.42		10.93	14.28	7.40	10.13	8.77	14.04	11.73	7.40	12.74
Inguinal rings, en- largement of.....	8.87	49.20	22.29	31.15	6.34	25.75	12.92	11.83	19.40	31.11	30.51
Fistula in ano.....				.13		.10	.20		.07	.05	
Other diseases of the digestive system.....	.09	1.39	.87	.20	5.99	.31	.40	.30	.65	.35	

at mobilization camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not speci- fied.	Total.
0.15	0.25	.....	.....	0.27	0.14	0.21	.....	0.22	.....	0.08	.....	.....	0.25	0.14
.14	.25	0.10	.....	.....	.39	.....	.....	.....	.....	.08	.....	.....	.15	.14
.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.08	0.05	.....	.02	.01
.03	.....	.....	0.25	.....	.08	.....	.....	.....	.....	.....	.....	0.52	.09	.05
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.55	.....	.....	.....	.02
.14	.....	.....	.25	.20	.03	.....	.....	.32	.....	.32	.....	.....	.08	.08
30.00	30.07	14.16	23.42	20.97	21.22	26.44	34.15	24.09	36.38	27.43	10.64	33.64	21.44	23.77
.38	.25	.80	1.50	.14	.20	.21	.....	.27	.07	.08	.05	.52	.26	.45
.....	.....	.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.01
.05	.....	.10	.....	.....	.03	.....	.....	.....	.07	.24	.....	.....	.01	.08
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.08	.....	.....	.....	.00
1.05	.76	1.00	1.99	.20	1.39	1.72	.48	2.37	1.18	1.51	.97	1.55	.96	1.21
.13	.....	.60	.....	.07	.....	.....	.....	.27	.....	.24	.....	.....	.28	.14
.01	.....	.10	.25	.....	.08	.....	.....	.16	.37	.....	.05	.....	.09	.06
.....	.....	.10	.....	.....	.....	.....	.....	.05	.....	.....	.....	.....	.02	.03
.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.02	.01
.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01
.17	.76	.....	.25	.54	.06	.....	.....	.05	.37	.16	.....	.....	.26	.21
.....	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.02	.01
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.00
.22	.51	.30	.....	.....	.06	.....	.48	1.24	.....	.40	.05	1.55	.19	.21
.....	.....	.....	.....	.....	.....	.....	.....	.05	.07	.....	.....	.....	.....	.01
.05	.25	.20	.....	.....	.08	.21	.....	.16	.15	.24	.11	.....	.11	.09
.18	.25	.30	.....	.27	.53	.....	.....	.64	.30	.40	.05	.....	.26	.21
.....	.....	.....	.....	.....	.....	.....	.....	.07	.....	.....	.....	.....	.01	.00
.50	1.77	1.00	.....	1.70	1.48	.21	1.92	1.56	.44	1.11	.38	.52	1.10	.87
.99	1.01	.40	1.99	.34	.33	1.29	.48	1.45	2.00	1.11	1.99	1.04	.81	.91
3.01	2.53	3.19	3.74	4.15	2.87	3.01	5.29	5.54	3.40	4.04	4.19	5.18	3.61	3.22
.01	.....	.70	.25	.54	.28	.....	.48	.32	.15	.55	.05	.52	.26	.22
.03	.....	.20	.25	.....	.17	.....	.....	.....	.07	.16	.....	.....	.05	.07
.06	.25	.....	.....	.27	.28	.....	.48	.05	.....	.16	.05	.....	.11	.15
.03	.....	.....	.....	.....	.03	.....	.....	.05	.07	.08	.....	.....	.....	.02
.14	.....	.20	.....	.14	.06	.....	.....	.05	.....	.32	.....	.....	.10	.11
.53	4.04	.30	.25	.20	.22	1.29	5.29	.86	1.48	.71	.48	1.04	.77	1.07
.....	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.01
.04	.25	.....	.....	.....	.06	.....	.....	.....	.07	.....	.....	.....	.01	.02
11.83	8.08	12.27	13.71	8.64	8.26	13.54	12.98	13.66	11.83	8.96	11.66	11.90	5.81	10.40
.1.37	24.00	14.66	10.96	12.93	25.38	24.29	25.97	44.19	21.67	26.80	19.67	18.12	13.96	20.24
.03	.....	.10	.....	.07	.11	.....	.....	.11	.....	.16	.06	.....	.04	.08
.27	.....	.....	.25	1.16	1.09	.21	.....	.32	.07	1.11	.32	.....	.42	.41

# 216 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IV.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
XIV. Genito-urinary system (nonvenereal):											
Nephritis, acute, chronic.....											
Nephroptosis.....											
Hydrocele.....	0.25		0.51	0.39	0.39	1.18	0.51	2.10	0.89	0.67	0.67
Other diseases of the genito-urinary system (nonvenereal).....	1.72		2.05	.58	.84	2.95	1.32	1.57	.22	1.00	2.01
XV. Diseases of the skin:											
Bromidrosis.....											
Raynaud's disease.....											
Cellulitis.....											
Keloid.....				.10							.19
Large scar of face.....											
Abdominal scar.....	.12				.14		.22				.24
Other diseases of the skin.....	1.35		.26	.39	.81	1.48	.95	3.14	.44	1.17	.75
XVI. Bones and organs of locomotion:											
Osteitis deformans.....											
Ankylosis, bony, of joint.....	.74		.51	.78	.47	.30	.44	1.05	.44		.29
Ankylosis, fibrous, of joint.....	2.15		.51	.78	1.81	1.92	1.54		.89	1.00	1.00
Bursitis.....											
Tenosynovitis.....											.05
Relaxed ligaments of joint.....	.06						.07				
Joint, resection of.....											
Chronic dislocation (other than hand).....	.06		.77	.10	.03			.52		.17	
Contracture of joint.....	.06			.10	.22		.07				.14
Contracture of muscle, fascia, tendon, sheath.....	.06				.03	.15	.07			.50	
Bunion.....	.37	9.43	.26		.59	.89	.50	.52	.44	.67	.33
Hammer toe.....	.98	37.73	3.08	.87	9.01	3.10	1.98		2.44	.84	.43
Ingrowing nail.....					.03			.52	.22		
Contracture of plantar fascia.....					.03						
Pes cavus.....					.08						
Pes planus.....	150.21	367.92	146.89	96.84	202.54	256.86	141.43	203.25	190.28	163.32	149.75
Pronated foot.....	.25				.06		5.49	2.10	.89	10.20	.14
Loss of part of the foot.....	.49		1.54	.29	.75	1.03	.37	.52	.22	.50	.33
Deformities of the foot (cause or type not specified).....	.18	9.43	.51		.36	.30	.44	.52	.22		.24
Ganglion.....											
Depressed fracture of skull.....					.25		.07				.10
Deformities of hand, result of old injury or infection.....	.86		.51	.10	.95	.59	.81	1.05		.17	1.58
Loss of one or more fingers.....	1.90	9.43	2.82	1.17	2.79	2.36	2.12	2.10	.89	1.50	.95
Loss of part or whole of lower extremity.....											.05
Shortening of lower extremity.....	.12				.25	.15	.22	.52			.29
Loss of part or whole of upper extremity.....							.15		.22		.05
Malunion fracture of upper extremity.....	.49		.77	.29	.98	.74	.22	2.10	.22	.17	.38
Malunion fracture of lower extremity.....	.12		.51	.19	.70	1.03	.37	1.05	.44	.33	.38
Malunion fracture, other than extremity.....					.11			.52			.05
Nonunion of fracture, upper extremity.....					.06						



## PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 217

**at mobilization camps, after examination by local and some by advisory boards for the 1,000,000 men sent to camp—Continued.**

[Ratios per 1,000 men examined from each State.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
						.08								
0.74	0.82	0.98	0.53	0.70	0.44	0.47	4.78	0.71	0.99	0.05	0.87	0.45	0.04	0.59
.....	2.00	1.75	1.07	1.00	1.32	1.57	1.20	.81	1.13	.57	.65	.91	1.23	1.27
													.04	.....
		.04											.08	.....
													.04	.....
.25	.01						.30							.08
.16	.04	.19	.10			.24		.10	.13	.09	.29		.16	.08
.25	1.09	.68	1.12	1.50	.50	.31	.60	.30	.30	.71	.65	.23	1.07	1.10
	.01													
.49	.58	.38	.78	.50	.69	.39	.....	.61	.27	.28	1.12	.23	.52	.85
2.45	1.25	1.19	1.21	2.31	1.32	.47	1.50	1.21	.93	.64	1.96	.79	1.91	2.12
	.01							.10	.03	.02			.04	.....
										.02				.08
									.03				.04	.....
										.02				.....
.25	.06	.13	.05		.06			.20	.10	.05	.04		.08	.....
.49	.14	.34	.24	.20	.13				.07	.07	.11	.23	.24	.08
	.03	.04	.05					.10	.03	.02	.07			
.25	.64	.55	.44	.90	.44	.39		.40	.43	.62	1.41	.11	.60	.42
3.19	3.11	2.13	3.11	1.70	.94	1.25	1.50	1.72	2.25	1.63	4.32	.57	1.63	2.72
	.01	.09			.06				.03	.05	.04			.....
	.10	.09	.34	.10				.51	.07	.57	.04		.20	.17
177.54	214.75	159.35	175.77	216.35	93.80	111.43	16.83	234.65	170.20	127.64	177.65	72.05	247.85	175.63
.49	.48	.04	.15	.10	.25	.24	2.99	3.94	5.47	.07	.25	.34	.12	.17
.98	.60	.38	.63	.60	.69	.31	1.79	.61	.36	.26	.94	.11	.64	.51
.25	.24	.21	.24	.10	.38	.08	.....	.30	.30	.24	.36	.34	.52	.42
									.03					.....
.25	.09	.09	.....	.20	.44	.....	.....	.30	.10	.05	.04	.....	.24	.06
.74	.74	.98	.88	1.60	.88	.63	.90	.51	.66	.45	.65	.34	1.03	1.27
2.21	2.24	2.56	3.55	3.11	2.77	.71	1.50	2.42	2.02	1.99	3.45	1.70	2.15	3.56
	.07	.09					.30				.07			.08
	.23	.09	.15	.20	.13	.....	.60	.30	.13	.12	.36	.....	.20	.08
														.....
.49	.48	.98	.44	.90	.94	.....	.....	.10	.36	.28	.47	.34	1.03	.85
.74	.38	.34	.44	1.30	.13	.16	.30	.10	.36	.09	.25	.34	.56	.51
	.03	.04	.06	.10	.06	.....	.....		.07					.08
		.04	.06	.....	.....	.....	.....						.04	.....

## 218 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IV.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
<b>XIV. Genito-urinary system (nonvenereal):</b>											
Nephritis, acute, chronic.....						0.01					
Nephroptosis.....											
Hydrocele.....	0.37	1.39	0.87	0.66	1.41	.57	0.79	0.45	0.80	0.45	0.26
Other diseases of the genito-urinary system (nonvenereal)...	.91	1.39	.44	1.83	1.06	.94	1.71	.60	1.73	.91	
<b>XV. Diseases of the skin:</b>											
Bromidrosis.....				.10		.02			.04		
Raynaud's disease.....											
Cellulitis.....											
Keloid.....									.02		
Large scar of face.....						.01			.04	.05	
Abdominal scar.....	.09			.10		.12	.07	.15	.07		
Other diseases of the skin.....	1.01	1.39	1.75	.85	.70	1.01	.59	.45	.89	.60	1.54
<b>XVI. Bones and organs of locomotion:</b>											
Osteitis deformans.....											
Ankylosis, bony, of joint.....	.37		.87	.20	.35	.19	.40	1.06	.46	.25	1.54
Ankylosis, fibrous, of joint.....	1.10	2.08	1.75	.82	1.06	.68	1.12	3.02	.76	1.46	1.23
Bursitis.....		.69				.02	.07		.04		
Tenosynovitis.....				.03					.02		
Relaxed ligaments of joint.....						.01	.13		.06	.05	
Joint, resection of.....										.05	
Chronic dislocation (other than hand)...	.09			.03	.35	.07	.07		.04	.05	
Contracture of joint.....				.07	.35	.13	.13	.15	.09	.15	
Contracture of muscle, fascia, tendon, sheath.....	.09			.03	.35	.04	.33	.15		.05	
Bunion.....	.82		.44	.46	1.06	.18	1.52	.30	.84	.30	.26
Hammer toe.....	2.74	13.17	.87	2.19	3.17	3.07	1.19	4.98	2.73	.76	3.59
Ingrowing nail.....				.03		.03			.06		
Contracture of plantar fascia.....											
Pes cavus.....	.09			.20	.35	.08	.07		.22	.10	.26
Pes planus.....	224.52	185.72	132.87	137.20	176.89	215.26	204.82	190.61	197.00	143.78	218.21
Pronated foot.....	.18		.44	1.70		1.23	1.45	.15	.91	.05	
Loss of part of the foot.....	.82		.87	.29	.35	.58	.40	1.06	.45	.65	2.05
Deformities of the foot (cause or type not specified).....	.46		.44	.72	.35	.22	.33	.45	.39	.25	.51
Ganglion.....				.03		.01					
Depressed fracture of skull.....	.09	1.39		.10		.08			.17	.10	.51
Deformities of hand, result of old injury or infection.....	.91	1.39	1.75	.92	.70	.58	.73	1.36	1.15	1.30	1.03
Loss of one or more fingers.....	1.56	4.85	3.50	2.46	1.76	1.52	1.65	2.42	2.95	1.98	3.33
Loss of part or whole of lower extremity.....				.03			.07	.15	.04	.20	
Shortening of lower extremity.....		.69		.20		.32	.13		.22	.05	
Loss of part or whole of upper extremity.....	.09								.02		
Malunion fracture of upper extremity.....	1.01	1.39	.87	.72		.47	.86	.76	.61	.55	2.05
Malunion fracture of lower extremity.....	.82			.20	.35	.26	.40	.80	.39	.20	.51
Malunion fracture other than extremity.....	.09			.03		.03			.06		
Nonunion of fracture, upper extremity.....	.09					.01			.02		

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 219

at mobilization camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not spec- ified.	Total.
0.01					0.03					0.08			0.02	0.01
.61	0.51	1.10	0.50	1.16	.59	0.64	1.92	0.59	0.74	.79	0.86	0.52	.62	.68
1.12	1.01	1.50	.25	1.36	2.84	.86	.96	2.58	1.26	2.46	.64	1.55	1.62	1.38
					.03		.48							.01
														.00
														.00
														.01
.08	.25	.20		.14	.06			.11	.07	.08	.16		.03	.01
1.19	.25	.80	1.00	1.02	1.00	.64		1.77	.67	.87	.91	1.04	.64	.87
														.00
.52	.25	.20	.75	.48	.47	.43	.48	.54	.44	.32	.16		.37	.44
1.16	1.01	1.50	1.00	1.50	1.42	1.50	1.92	1.34	2.37	1.27	1.61	1.55	1.08	1.22
.01										.08			.03	.01
.05						.21		.16	.22				.01	.02
								.05					.01	.00
.11		.25	.14	.08	.21	.48	.05	.07	.16	.05			.09	.07
.22		.20	.25	.07	.17		.86	.37	.82	.11			.10	.15
.94	.25	.10		.14	.03			.65		.16	.05		.11	.14
1.58	1.52	1.30	1.00	.75	.45	.43	.48	3.44	.44	2.22	.86	2.59	.72	.74
2.76	1.52	1.20	2.99	.82	1.34	3.01	4.33	5.16	7.99	2.14	1.99	5.18	2.44	2.69
.03					.11			.38	.07	.08			.05	.04
														.00
.64		.20	.25	.07	.08		.48	.43		.48	.11		.59	.17
156.60	176.60	106.63	208.82	144.99	146.99	196.90	142.85	233.70	175.65	208.60	168.40	204.99	152.95	174.94
23.11	2.53	1.10	.25	4.70	.08	.43	4.81	16.29		10.62	.27	.52	1.52	3.21
.57		.80	1.50	.61	.78	.86	1.44	.48	.89	.32	.64	1.55	.41	.56
.60	.51	.20	.50	.20	.31	.43		.11	.44	.16	.32	1.55	.20	.32
													.01	.00
.05		.10		.20	.11	.43		.16	.22	.32	.16		.14	.11
.76	.76	.60	.50	1.36	.45	.43	1.44	1.83	.67	.95	.81	1.55	.84	.81
2.19	2.78	.70	2.49	2.45	1.67	1.72	2.89	3.33	2.74	1.66	2.90	1.55	2.09	2.21
.05		.20			.17				.07	.32	.11		.06	.04
.84		.20		.14	.20	.43	.48	.70	.30	.79	.05		.24	.26
.01		.10			.03			.11					.02	.01
.48	.51	.30	1.00	.61	.56	1.07	1.44	.97	1.04	.32	.59	.52	.34	.56
.37		.40	1.00	.48	.39	1.29	.48	.48	1.41	.63	.22	.52	.33	.38
.05		.25						.05	.07				.03	.03
										.08		.52	.01	.01

220 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IV.—Men accepted as qualified for general military service with defects as listed period from June, 1917, to May, 1918, by States, covering

[Ratios per 1,000 men examined from each State.]

Diseases or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
XVI. Bones and organs of locomotion—Continued.											
Nonunion of fracture, lower extremity.....	0.06				0.03					0.17	
Recent operation, wounds.....					.03						
Scar of head.....	.06										
Curvature of spine.....	.18		0.51	0.19	.28	0.44	0.51	1.05	0.22	.17	0.19
Hernia of muscle.....											
Other diseases of bones and organs of locomotion.....	.06		1.03	.19	.61	.44	2.56		.22	.33	.29
XVII. Malformation and ill-defined diseases:											
Defective physical development.....					.11		.07		.44	.17	.10
Deficient chest measurement.....					.03	.15	.15		.22		
Overweight.....	.06				.14	.15	.44		1.33	.17	
Underweight.....	1.23		.51	.19	.86	.30	1.54	5.24	4.00	.33	2.91
Malnutrition.....											
Monorchism.....					.20		.20			.17	.05
Anorchism.....											.05
Cryptorchidism.....	.74		.51	.49	1.14	1.33	.15		1.55	.17	1.15
Hypospadias.....				.19	.14				.22	.17	.29
Fistula, post operative.....					.06						
Fistula, other.....											.10
Bullet or other recent wound.....	.25			.19	.11	.15	.15	1.57	.22	.33	.43
Ill-defined diseases.....	.49						.37		.22	1.34	1.10
Diseases or defect not specified.....	.31		.51	.58	.47	.50	.73			.33	.29
Total number of men examined from each State.....	16,291	106	3,894	10,287	35,839	6,774	13,653	1,909	4,504	5,982	20,935
Total number of men accepted as qualified with defects.....	5,031	59	981	1,946	12,117	2,407	3,776	661	1,218	1,954	5,970
Ratio per 1,000 of men accepted to total examined.....	308.82	556.60	251.92	189.18	338.10	355.33	276.57	346.25	270.43	326.65	285.15

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 221

at mobilization camps, after examination by local and some by advisory boards, for the 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Idaho.	Illnois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
.....	0.03	.....	.....	.....	.....	.....	.....	.....	.....	0.02	.....	.....	0.04	.....
.....	.01	.....	.....	.....	.....	.....	.....	.....	.....	.05	0.07	.....	.....	.....
.....	.03	.....	.....	0.10	.....	0.08	.....	0.10	0.07	.02	.07	.....	.....	.....
0.74	.84	0.30	0.05	.10	0.19	.08	0.30	.....	.27	.24	.25	.....	.56	0.42
.....	.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.04	.....
.74	.38	.73	.39	.90	.25	.39	.60	.71	.50	.31	.76	0.57	.56	.34
.25	.16	.21	.05	.....	.25	.....	.....	.....	.13	.09	.22	.....	.12	.08
.....	.04	.04	.....	.....	.....	.....	.....	.....	.03	.07	.....	.....	.04	.....
.....	.26	.17	.05	.20	.13	.08	.30	.20	.10	.09	.04	.23	.12	.....
.74	2.11	.38	1.17	1.81	.25	.94	2.99	.51	1.03	.50	.76	.57	1.47	.68
.....	.04	.21	.....	.....	.13	.08	.....	.20	.17	.05	.18	.....	.04	.34
.....	.....	.....	.....	.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....
.98	1.43	1.58	1.12	1.50	1.26	.39	.30	1.01	1.46	1.02	1.85	.57	1.23	1.44
.....	.43	.21	.29	.30	.31	.47	.....	.10	.13	.09	.29	.....	.16	.08
.....	.07	.09	.....	.10	.06	.08	.30	.....	.07	.02	.....	.....	.04	.08
.....	.14	.13	.....	.10	.31	.03	.....	.10	.03	.05	.04	.45	.28	.42
.....	.88	1.24	.78	.90	.50	.39	.60	.51	.96	.45	.54	.23	1.03	.17
.....	.51	.09	.24	.50	.57	.24	.....	.51	.56	.02	.....	.....	.....	.34
4,078	70,459	23,444	20,584	9,970	15,875	12,752	3,344	9,897	30,181	42,212	27,560	8,827	25,172	11,780
1,146	23,271	6,358	5,881	3,224	3,191	2,875	886	3,886	9,204	8,948	7,650	1,773	9,135	3,289
281.02	330.28	271.20	285.71	323.37	201.01	225.45	264.95	392.64	304.96	211.98	277.58	200.86	362.91	279.19

222    PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IV.—Men accepted as qualified for general military service with defects as listed  
period from June, 1917, to May, 1918, by States, covering

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
XVI. Bones and organs of locomotion—Continued.											
Nonunion of fracture, lower extremity.....						0.01				0.05	
Recent operation, wounds.....			0.44	0.03					0.04		
Scar of head.....				.07		.03	0.07		.02		
Curvature of spine.....			1.31	.26	0.25	.34	.59	0.45	.32	.20	
Hernia of muscle.....									.02		
Other diseases of bones and organs of locomotion.....	0.55			.62	.70	.54	.73	.91	.46	.15	
XVII. Malformation and ill-defined diseases:											
Defective physical development.....	.27	1.39		.16		.12	.13	.30	.07	.10	
Deficient chest measurement.....				.07					.02	.05	
Overweight.....	.09		.44	.03	.35	.12	.13		.17	.30	
Underweight.....	.09		.87	1.00	.35	1.25	.40	.15	.30	1.61	
Malnutrition.....				.03							
Monorchism.....	.09			.13		.12	.07		.02	.10	
Anorchism.....										.05	
Cryptorchidism.....	1.46	1.39	1.31	2.13	2.47	1.46	.46	2.11	.74	1.56	1.79
Hypospadias.....	.18			.20		.16	.33	.15	.19	.05	
Fistula, post operative.....						.01			.02		
Fistula, other.....				.07		.01	.07				
Bullet or other recent wound.....				.16		.04	.07		.07	.05	.25
Ill-defined diseases....	1.01		.44	.98	.35	1.24	.99	.60	2.14	.81	.26
Diseases or defect not specified.....	.37			.03	.35	.02	.07		.04	.05	
Total number of men examined from each State.....	10,930	1,443	2,288	30,531	2,838	89,330	15,170	6,621	53,817	19,864	3,900
Total number of men accepted as qualified with defects.....	3,391	475	551	8,520	777	23,896	4,970	1,944	16,663	5,596	1,417
Ratio per 1,000 of men accepted to total examined.....	310.25	329.17	240.82	279.06	273.78	323.44	327.62	293.61	309.62	281.21	363.35

at mobilization camps, after examination by local and some by advisory boards, for the approximately the first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
0.01														0.01
.01		0.10	0.25		0.06			0.11					0.05	.02
.04		.10		0.07				.05					.02	.03
.24		.20		.48	.20		1.44	1.40	0.15	0.16			.35	.34
.01									.07					.01
1.32	1.01	.40	1.00	.68	.42	0.64	.48	4.25	.52	1.43	0.54	0.52	.47	.66
.08	.25			.14	.06	.21	.48	.05	.07	.16	.11		.15	.12
.08					.06	.21				.08			.08	.03
.11		.10		.07							.05		.07	.12
.29	2.27	.50	.25	.75	.75	.86	1.44	.59	.59	.16	.81		.63	.98
.01														.00
.05		.50			.22	.21		.11	.15		.21		.10	.10
.01								.05					.01	.01
1.23	1.77	1.00	1.74	.88	1.53	.86	2.41	.91	.89	.79	1.67	1.04	.91	1.20
.29	.25	.10		.20	.25	.21		.16	.07	.40	.16		.20	.20
.25														.01
.01		.10			.06			.05	.07	.08	.05		.03	.03
.06	.25	.30		.34	.17	.43	.48	.22	.22	.48	.05	1.55	.13	.14
.55	1.26	1.99	.25	.54	.95	.43		.81	.15	.95	1.02		.05	.75
.01													.05	.16
78,706	3,958	10,025	4,013	14,691	35,852	4,652	2,079	18,600	13,523	12,613	18,610	1,932	101,901	694,206
24,774	1,200	2,545	1,211	3,881	10,069	1,419	592	8,844	4,137	4,631	4,794	632	26,099	294,675
314.77	303.19	253.87	301.77	264.18	281.40	305.03	284.75	475.48	305.92	367.15	257.60	327.12	256.12	296.60

## 224 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE V.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately

[Absolute numbers.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
I. Infectious diseases.....					4	10	1			3	2
II. Tuberculosis, pulmonary..	98		35	222	247	60	69	6	4	44	123
Tuberculosis, all other.....	5		1	2	19	1	3	1		2	2
III. Venereal diseases:											
Chancroid.....	71			1	1						
Gonococcus infection....	7		2	2	61	3	18		1	4	3
Syphilis, all.....	14		11	37	49	7	27	2		30	15
IV. General diseases:											
Tumors, benign.....											
Carcinoma.....											
Obesity.....					3					1	
Cretinism.....											
Goiter, simple.....	1		1	2	11		3			1	
Exophthalmic goiter....			3		14	5	1	1		1	6
Diabetes mellitus.....	1										
Alcoholism, chronic....							5	1	1		
Drug addiction.....			1	1	18	2	5			5	
Poisoning, chronic.....											
Other general diseases..	1		2	2	21		1			3	6
V. Nervous diseases:											
Speech, defective.....	1				11					1	2
Neurasthenia.....	2			1	3		5			1	
Neuritis.....	1				1		1				1
Ataxia, hereditary.....											
Multiple sclerosis.....				1	3	1		1		1	3
Paralysis of muscle.....					6		2			1	1
Paralysis of nerve.....				2	2			1			
Epilepsy.....	14		2	33	21	6	28	2	1	10	14
Jacksonian epilepsy....	2										
Hysteria.....	1			1	5			1			2
Tabes dorsalis.....	4				2					1	1
Other diseases of the nervous system.....	11			7	11	1	4			2	7
VI. Mental diseases:											
Mental deficiency.....	104		2	39	52	8	37	1		35	24
Dementia praecox.....	10		2	6	6	1	4	1		1	15
Constitutional psychopathic states.....	16		1		15	9	5	1	1	1	7
Psychasthenia.....				1	1		1			1	
Psychoneuroses.....	6			4	6	1	1			5	5
Psychoses, alcoholic.....					2			1			
General paralysis of insane.....						1	1			3	1
Psychoses, other.....	16		2	4	9	1	2			2	1
VII. Diseases of the eye:											
Defective vision, cause not stated.....	7		9	50	441	1	201	5		47	111
Strabismus.....	1		1	2	17		1	1		2	
Myopia.....	2			5	1		14	1		1	
Hyperopia.....	4			1						1	
Astigmatism.....	4		1	2			5	1		1	
Leucoma.....	2						1				
Cataract.....	3			2	1	1					3
Conjunctivitis, other....										2	
Conjunctivitis, granular	1		2	2	12					2	
Pterygium.....					1					1	
Choroiditis.....	1										
Amblyopia.....	1				1		3		3	2	
Color blindness.....					2						
Glaucoma.....							1				
Keratitis.....	2									1	
Nystagmus.....					2					2	2
Eye, enucleation of.....											
Other diseases of the eye			2	4	7		2		1	20	3
VIII. Diseases of the ear:											
Defective hearing.....	4			2	18		11	2		8	12
Otitis media.....	17		8	6	134	8	30	4		15	11
Perforated ear drum.....					21						1
Otitis external.....											
Other diseases of the ear	4				6					1	3



*examined by local and some by advisory boards, for the period from June, 1917, to May, the first million men sent to camp.*

[Absolute numbers.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
1	1	1	1	1	120	113	26	3	3	3	1	1	2	.....
18	174	72	91	64	10	1	1	.....	168	128	34	103	223	34
.....	12	3	4	4	.....	.....	.....	.....	12	7	4	1	2	8
.....	1	.....	.....	.....	2	1	.....	.....	1	1	.....	.....	1	.....
1	22	4	4	.....	5	5	3	.....	83	16	6	8	11	6
3	69	64	6	16	44	40	10	2	73	66	11	13	81	16
.....	1	.....	.....	.....	.....	1	.....	.....	.....	2	.....	2	1	.....
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
5	13	5	9	4	3	1	1	.....	2	15	17	1	5	13
5	24	9	11	9	6	2	.....	.....	2	41	5	2	12	9
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	7	1	.....	.....	.....	.....	2	.....	18	3	.....	1	2	.....
1	8	.....	3	4	8	3	1	1	5	3	.....	1	9	.....
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1
.....	9	4	3	5	5	.....	1	.....	4	10	3	3	3	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	5	4	.....	.....	3	.....	2	.....	3	8	.....	1	3	4
.....	7	.....	9	1	2	.....	.....	.....	8	3	2	2	2	.....
.....	1	.....	3	.....	.....	.....	1	.....	4	6	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	1	.....	.....	.....	.....	.....	1	.....	9	4	1	.....	.....
.....	7	.....	6	1	.....	2	.....	.....	4	2	1	1	1	1
.....	1	.....	1	1	.....	5	.....	.....	.....	.....	.....	.....	2	.....
2	44	15	20	6	11	70	7	1	52	29	9	17	20	4
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....
.....	5	.....	6	.....	1	.....	2	.....	2	1	.....	1	3	.....
.....	.....	.....	2	1	4	1	.....	.....	.....	7	.....	1	2	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	8	7	6	3	8	16	1	.....	15	7	3	6	10	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	64	16	83	17	30	59	14	4	58	155	30	63	81	18
1	10	3	11	1	.....	4	.....	1	12	14	9	5	5	.....
.....	7	2	7	6	2	.....	1	.....	6	7	7	4	15	1
.....	1	2	.....	.....	1	1	.....	.....	5	.....	.....	.....	1	.....
.....	12	2	1	7	2	4	.....	.....	.....	5	3	3	13	4
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	1	2	3	.....	.....	.....	.....	1	1	.....	.....	4	.....
.....	6	.....	4	2	1	4	.....	.....	6	12	3	1	2	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	332	83	65	29	75	74	25	12	3/4	285	96	90	71	107
2	1	7	1	.....	2	.....	.....	.....	5	10	2	.....	.....	4
.....	13	19	3	.....	14	3	2	3	20	73	2	2	4	.....
.....	3	6	.....	.....	7	4	.....	.....	4	11	2	1	1	.....
.....	5	1	1	1	1	4	1	.....	19	32	2	2	2	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
.....	2	3	.....	1	2	1	.....	.....	1	12	.....	4	2	.....
.....	6	2	1	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....
2	64	33	1	3	78	1	.....	.....	2	6	.....	.....	23	3
.....	3	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1
.....	1	4	1	1	.....	3	.....	.....	.....	4	1	1	2	.....
.....	5	6	2	.....	5	.....	.....	.....	1	22	2	2	7	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....
.....	1	1	.....	.....	1	1	.....	.....	.....	3	1	2	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
1	9	8	5	2	9	5	.....	2	2	15	7	4	5	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	16	8	6	1	10	5	8	.....	24	14	4	4	10	5
9	132	26	26	13	28	12	7	6	49	126	28	27	38	30
3	5	2	.....	.....	.....	.....	.....	.....	.....	3	1	.....	1	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	5

## 226 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE V.—*Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the*

[Absolute numbers.]

Disease or defect.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
I. Infectious diseases.....				4		1	2		3	1	
II. Tuberculosis, pulmonary..	45	2	11	63	32	229	163	7	90	60	11
Tuberculosis, all other.	1			4	1	20	6	2	6	2	2
III. Venereal diseases:											
Chancroid.....	1					2	1		2	1	
Gonococcus infection...		1	2	7	4	28	6	4	12	2	
Syphilis, all.....	17	2	1	12	3	89	34	1	96	62	1
IV. General diseases:											
Tumors, benign.....				1		2			2		
Carcinoma.....											
Obesity.....						1	2		3		
Cretinism.....											
Goiter, simple.....	2			2		19	5	5	23	2	1
Exophthalmic goiter...	3	1		7	1	26	12	4	25		3
Diabetes mellitus.....	2					1					
Alcoholism, chronic....				3		6	1		3		
Drug addiction.....	2	1	1	2	1	61	1			10	2
Poisoning, chronic....											
Other general diseases..	3	1		3	1	10	8		10	3	1
V. Nervous diseases:											
Speech, defective.....				3		7	1	1	4		1
Neurasthenia.....	1					8	3		9		
Neuritis.....						4	1	1	2	2	
Ataxia, hereditary.....							1		1		
Multiple sclerosis.....	1					2	2		1	1	1
Paralysis of muscle....				2		2	4	1	2	1	
Paralysis of nerve.....	1					2	1				
Epilepsy.....	6	1	5	23	3	85	24	5	32	9	4
Jacksonian epilepsy....											
Hysteria.....	1			1		3	1		3	4	1
Tabes dorsalis.....	1				1	2		1	4	3	
Other diseases of the nervous system.....				5		22	5	2	15	5	2
VI. Mental diseases:											
Mental deficiency.....	21		10	41	11	110	165	18	60	34	3
Dementia precox.....	3		1	1		19	6	1	10	7	
Constitutional psychopathic states.....	4	1		2	1	18	2	1	8	2	
Psychasthenia.....				1		2	1		2		
Psychoneuroses.....	2					7	7	1	3	4	3
Psychoses, alcoholic..				2		4			1		
General paralysis of insane.....						1			2	1	
Psychoses, other.....	1			2	1	17	6	1	16	3	1
VII. Diseases of the eye:											
Defective vision, cause not stated.....	29	11	21	125	8	809	74	29	187	48	18
Strabismus.....	1			3		14	14	1	6	6	
Myopia.....	1		2	22		92	1	2	15		1
Hyperopia.....				4		10	4		1	1	
Astigmatism.....				6		30	2	3	2	2	
Leucoma.....						1			1	1	
Cataract.....	2					7	3	1	4	2	
Conjunctivitis, other...				4			3		1		
Conjunctivitis, granular		1		3	4	22	16	3	4	12	
Pterygium.....							2				
Choroiditis.....				11		5	2		2	2	
Amblyopia.....			1	3	1	16	5	1	4	4	
Color blindness.....											
Glaucoma.....						1					
Keratitis.....	1										
Nystagmus.....							3		2	1	
Eye, enucleation of....											
Other diseases of the eye	1			6		10	9	2	6	13	
VIII. Diseases of the ear:											
Defective hearing.....	1		2	18		28	12		14	5	
Otitis media.....	14	5	3	79	2	325	17	8	69	30	5
Perforated ear drum...	2	1	1	3		4				2	
Otitis external.....						1	1				
Other diseases of the ear				1		1			2		

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 227

examined by local and some by advisory boards, for the period from June, 1917, to May, first million men sent to camp—Continued.

[Absolute numbers.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
1	1	4	1	1	2				2		2		12	72
95	28	80	19	18	165	19	13	55	63	31	39	11	882	4,519
6	1	8	1		6	1	1	2	2		3	2	59	243
1		6	1	1					2	1			8	107
5	8	11		2	14	1	3	2	2	2	1		146	490
25	18	40		9	66	4	2	4	14	4	7	1	277	1,498
1	1				1						1		7	23
														2
2					1			1			2		5	25
														4
3		2		2	1	4	1		34		4		43	266
12		3	2	3	2	3		1	23	3	14	1	92	409
											1		7	15
1	2				1		1						11	70
1	1	3		3	5	2		1	3	1	1	1	86	270
														3
8		4		1	5	2		2	2			1	25	181
2		4				1			3	1	4		19	100
2	1				2	1	1		1		2		26	106
					1				1		2		13	47
									1					3
2						1		1	1	1			10	51
		1		1	1			1					10	62
1				1				1	1				11	34
21	3	19		7	17		2	8	3	4	12		292	1,028
					1			1						6
1		4			5			1			1		28	85
2	3			2									5	52
4		3		5	14	1	1		4	2	9	1	70	303
44	21	91	8	30	22	2	2	13	11	11	69		535	2,333
14		7		2	8	1		4	3	2	4		123	338
6	1		1	3	3	2	2	1	3	2	1		112	297
1				1	4								10	37
3		7	1	3					1				91	217
													1	14
	1			1									5	32
5		2		1	10	1			2	1	2		74	226
195	32	48	9	36	58	33	21	46	94	35	104	20	1,040	5,812
2	1	5			6			4	3	7	3		15	150
15	5	2		1	10			11	3	5	20		65	455
6	1			2	3		1	1		2	6		23	119
9	2	2			1		2	1			7		23	178
3					3					1			2	16
8	1	4		1	9	1		4					9	101
1								1			7		4	30
	2	6		3	16	1			3	2	1		52	386
		1			1						1		3	17
1		1			8			3			1		6	64
4					12			14	1	3	3		27	175
16		2												3
														2
	1	1												10
1					1					3			5	34
					2								2	6
10		4	1	7	13			9	1	5	7	1	27	245
9	2	5	1	3	12	4	2	3	6		4	1	63	368
40	4	5	2	5	25	18	1	2	29	10	22	3	319	1,832
1		2		1	3	2			3				15	82
		1												4
2	1	2			1			1			1		9	45

228 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE V.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Absolute numbers.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
<b>IX. Diseases of the nose:</b>											
Nose, external deformity of.....					1						
Deviation of nasal septum.....											
Polypus nasal.....											
Rhinitis hypertrophic.....			2			1				1	1
Sinusitis.....											
Other diseases of the nasal fossæ.....	1			2	3		1				
<b>X. Diseases of the throat:</b>											
Tonsillitis hypertrophic.....					1						
Other diseases of the pharynx.....	1		1		1						1
Other diseases of the larynx.....					1						
<b>XI. Circulatory system:</b>											
Endocarditis, acute, chronic.....	3		2	16	19		1	1		1	2
Valvular heart disease—											
Tricuspid lesions.....											1
Mitral insufficiency.....	69		11	48	206	13	67	2	8	25	92
Mitral stenosis.....	38		9	6	25	19	19	3		14	25
Aortic insufficiency.....	3			8	5	4	4	1		3	9
Aortic stenosis.....	2			3	8	2	2				
Combined lesions, aortic and mitral.....					4			1			
Pulmonic lesions.....											
Unclassified.....				6	9		7	1		2	
Myocarditis.....	9			3	4					1	24
Myocardial insufficiency.....										1	
Pericarditis.....											1
Heart block.....											
Cardiac hypertrophy.....	3			6	5	1	11	2		4	3
Cardiac dilatation.....					1	1	2				
Cardiac arrhythmias.....					2		2				
Tachycardia.....	12			9	5		8			6	7
Bradycardia.....											
Hemorrhoids.....	1		1		18		10	1		2	
Varicose veins.....	6		1	3	44		18			2	6
Varicocele.....	1			4	5		2	1		1	1
Other diseases of the circulatory system.....	5		2	1	7	1	2	1			5
<b>XII. Respiratory system:</b>											
Asthma.....	19		3	12	23	5	14	2		12	6
Bronchitis.....	2			1	7	1	2			6	3
Pleurisy fibrinous.....				1	1		1		1		
Other diseases of the respiratory system.....	2		2	4	24	1	7			5	4
<b>XIII. Digestive system:</b>											
Defective or deficient teeth.....	35		3	10	163	3	111	10	5	29	182
Dental caries.....					1						
Gastroptosis.....											
Gastro-enteroptosis.....							1				
Appendicitis.....											
Intestinal obstruction.....									2		
Hernia.....	47		5	30	271	5	68	7	4		13
Inguinal rings, enlargement of.....							1	1			
Fistula in ano.....	3			1	11		1			3	5
Other diseases of the digestive system.....	3		1	1	14	1	10			4	2
<b>XIV. Genito-urinary system (nonvenereal):</b>											
Nephritis, acute and chronic.....				1	3		4			2	1
Nephroptosis.....											
Hydrocele.....				1	3		4			1	
Other diseases of the genito-urinary system (nonvenereal).....	6		1	1	19	1	11			9	7

examined by local and some by advisory boards, for the period from June, 1917, to May, first million men sent to camp—Continued.

[Absolute numbers.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
		1								2				
		1								1				
	1		1	1	2					2				
	8	1			1		2		3	3	2			
		1	1						1				1	
	3				2							1	1	
	1	1								1				
4	12	4	5	1		19	1		5	8	2	7	3	5
21	1									1				
5	103	47	66	29	34	37	15	1	109	381	65	55	92	71
	45	10	32	34	9	12	2	1	24	341	27	34	69	10
	16	3	4	6	4	6			8	34	4	2	14	5
	5	3	1	2	2	5	1		2	3	2	3		2
	2		1						3	2		1	1	
									1	1		2		1
	16	5		1	2	3			7	2	4	2	4	3
	10	3	2	1	3	4	5		1	11	2	4	2	2
										1				1
	13	6	1	4	5	4			16	1			1	
	1		3		1		3		3	15	6	8	7	
	3	1			1				3	1	1		1	
	15	6	6	2	3	7	2		15	3	3	11	2	3
						1						1		
4	9	4	1		5	5	1		7	10	2			4
1	30	9	4	7	5	2	9	1	32	19	15	9	5	15
	10	6			1	3	1	1	11	7	1	5		1
	6	2	3	2	3	3		1	7	11	1	3	1	5
1	31	9	15	6	8	36	2	1	31	28	5	4	11	7
	5		1		6	1	2		9	11		1	2	2
1	2		1						1	6		3	1	
2	12		4	3	2		4		7	10	4	3	5	13
14	132	42	6	2	53	39	45	7	465	290	56	21	3	73
										1			1	
							1							
		1							1	1	1			
	1		1						3	1		1	1	
23	169	79	36	21	66	38	14	6	168	345	42	20	25	89
	9	1	3				2		2	2				
									5	4	1		3	1
2	13	3	13	2	10	3	2		16	15	4	2	5	2
1	4	2	1		1	1			7	1	4		4	
	3	1					1	1	3	4			1	1
3	17	6	10	2	2	8	2		16	10	5		10	4

TABLE V.—Men rejected at mobilization camps with defects as listed, after having been 1918 by States, covering approximately the

[Absolute numbers.]

Disease or defect.	Nebraska.	Nevada.	New Hamp- shire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
IX. Diseases of the nose:											
Nose, external deform- ity of.....											
Deviation of nasal septum.....											
Polypus nasal.....											
Rhinitis hypertrophic						1					
Sinusitis.....				1					3		
Other diseases of the nasal fossae.....						1			5		
X. Diseases of the throat:											
Tonsillitis hyper- trophic.....	1					1	1			2	1
Other diseases of the pharynx.....	1			1		1			1		
Other diseases of the larynx.....											
IX. Circulatory system:											
Endocarditis, acute, chronic.....	2	1	1	4		33	1	2	21	2	2
Valvular heart disease—											
Tricuspid lesions.....											
Mitral insufficiency.....	43	8	13	59	5	137	54	17	108	34	9
Mitral stenosis.....	29		1	17	9	39	36	7	39	16	1
Aortic insufficiency.....	6		2	11	1	21	9		14	6	
Aortic stenosis.....				1	1	5	2	1	2	1	1
Combined lesions, aortic and mitral.....				2		2			2	2	
Pulmonic lesions.....				2		3			3		
Unclassified.....	2		3	7		25	2		2	1	1
Myocarditis.....				2		20	2	1	7	3	
Myocardial insuffi- ciency.....				1							
Pericarditis.....						4					
Heart block.....										2	
Cardiac hypertrophy..	2	2	3	13		20	11		4	3	1
Cardiac dilatation.....						9					
Cardiac arrhythmias..			2	1		4					
Tachycardia.....	4		1	3		14	5		26		
Bradycardia.....											
Hemorrhoids.....					1	13	4		5	1	
Varicose veins.....	1	1	4	11	2	53	9	1	40	7	2
Varicocele.....						7	4		3		
Other diseases of the circulatory system..		1		10		32	7	1	8	6	
XII. Respiratory system:											
Asthma.....	5		2	9		31	17	5	10	2	2
Bronchitis.....				3		4	2		16	1	
Pleurisy fibrinous.....				1		5					
Other diseases of the respiratory system..	4	3	1	4		17	9		10	8	1
XIII. Digestive system:											
Defective or deficient teeth.....	7	5	27	413	1	596	51	2	70	11	4
Dental caries.....						2				1	
Gastroptosis.....											
Gastro-enteroptosis.....											
Appendicitis.....						1			2		
Intestinal obstruction..											
Hernia.....	11	14	9	68	1	393	44	21	140	45	12
Inguinal rings, en- largement of.....	1			3		8	1		4	1	
Fistula in ano.....	1			2		8	3		3	7	
Other diseases of the digestive system....	2	1		5	1	32	10	1	10	7	
XIV. Genito-urinary system (nonvenereal):											
Nephritis, acute and chronic.....	1			1		10	1			2	
Nephroptosis.....				1							
Hydrocele.....				1		7	1			2	
Other diseases of the genito-urinary sys- tem (nonvenereal)...	1	2	3	5		19	16	6	20	6	1

examined by local and some by advisory boards, for the period from June, 1917, to May, first million men sent to camp—Continued.

[Absolute numbers.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
														1
													2	5
														1
														6
			1										2	16
4		1			5		1		1		1		10	56
					1		1					1	2	16
		1				1	1	1	1				7	27
														4
7	1	1		2	1	4			8	2	2	1	73	292
											1			4
185	7	37	11	9	43	39	9	25	86	32	66	6	421	3,128
34	7	31	8	4	12	4	2	8	10	7	57	1	215	1,405
8	4	6	2		5			4	5	2	4		60	313
2	1				1					1	1	1	5	74
1	1	1	1			1							4	32
					1									14
4	5	1	1	5	1		1	2	2				23	167
7				2			1	2	1	5	2	1	26	168
														4
								1					2	8
													1	6
18	5	13		2	6		1	2	3	1	3		37	280
		1											5	27
1	1				1						2		2	34
10	1	9	3		5		1	3	1		3	1	34	274
					1									3
4	2	7			12			4	3		2		20	159
11	2	6		5	14	7	2	2	10		7	2	81	526
2	2	2		2		3	2		1		4		21	116
5	3	8		1	6	3			3	3	2	1	36	211
19	1	10	2	3	15	4	3	3	6	9	4		99	552
2	1		1	1	1						3	2	29	128
2		1	1		1						1		10	41
5	1	5	1		4	4	1	1	6		2	4	69	278
67	54	33	3	26	37	22	27	14	61	9	64	9	436	3,848
													1	7
													2	3
														4
		1									1		6	20
														2
52	21	53	4	21	94	30	12	17	77	3	87	6	545	3,371
1		1			1			1			1		7	36
	1	8		1	9			1					13	110
10	4	6	1	2	7	1	2	1	6	1	6	1	65	310
3					3		1	1	4	1			16	81
													1	2
		1			2		3		1		1		9	52
7	3	19		3	7	3	1	2	4		3	3	95	379

## 232 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE V.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Absolute numbers.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
<b>XV. Diseases of the skin:</b>											
Bromidrosis.....										1	
Raynaud's disease.....											1
Cellulitis.....											
Keloid.....											
Large scar of face.....											
Abdominal scar.....					7		1			2	
Other diseases of the skin.....	16		1	5	29	1	14	3		13	9
<b>XVI. Bones and organs of locomotion:</b>											
Osteitis deformans.....							1				1
Arthritis.....	20		2	8	27	3	6			2	15
Ankylosis, bony, of joint.....	8		4	4	29	1	12			5	8
Ankylosis, fibrous, of joint.....	14			9	62	3	13	2	1	4	20
Bursitis.....					2						
Tenosynovitis.....											
Relaxed ligaments of joint.....					2		1				
Joint, resection of.....											
Chronic dislocation (other than hand).....	2		1	2	6	1	4	1		1	2
Contracture of joint.....	2				2					1	2
Contracture of muscle fascia tendon or sheath.....	3			3	1					1	
Bunion.....	4				8		3		1		2
Hammer toe.....	3		1	1	3		3			1	
Ingrowing nail.....								1			
Contraction of plantar fascia.....											
Pes cavus.....					4						
Pes planus.....	37		3	23	127	4	124	9	1	36	32
Pronated foot.....	23						3			14	2
Loss of part of foot.....	8		1	2	15	1	6			2	9
Deformities of foot (cause of type not specified).....	10		1	3	1	1	4			3	10
Depressed fracture of skull.....	3		3		6		2			1	3
Ganglion.....											
Dupuytren's contraction of palmar fascia.....											
Deformities of hand, result of old injury or infection.....	15			3	47	2	8				21
Loss of one or more fingers.....	12		1	6	24		12	1	1	2	26
Loss of part or whole of lower extremity.....	1				1						
Shortening of lower extremity.....	16		1	1	10		13			3	13
Loss of part or whole of upper extremity.....				1							
Malunion fracture, upper extremity.....	10			1	25	2	5			5	7
Malunion fracture, lower extremity.....	6		3	6	35		14	1	1	5	12
Malunion fracture, other than extremity.....	1				2	1	2				
Nonunion fracture, upper extremity.....	1				3		1			1	
Nonunion fracture, lower extremity.....					1	3					
Recent operation wounds.....					2		1		1		
Scar of head.....					1						
Curvature of spine.....	10			2	34	4	8		2	2	13
Other diseases of bones and organs of locomotion.....	23		2	10	55	4	22	4		11	25
Hernia of muscle.....					1						



examined by local and some by advisory boards, for the period from June, 1917, to May, first million men sent to camp—Continued.

[Absolute numbers.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
										1				
								1			1			
1	4	1			1					2	2	1	1	1
2	25	1	15	3	15	10	5	1	21	25	7	6	5	7
					1									
4	18	2	38	3	5	5	3		11	10	17	6	5	5
3	10	7	5	1	2	9			9	17	7	4	1	8
8	23	7	7	1	10	12	7		25	31	15	7	7	16
	1								1	1				
			1							1				
		1	1	1		1			1	5				1
1	6	2	2	2	3	5			10	9	2	2	3	1
	1	1	1	2		1	1			3		1		1
	8	1	3	1		1	1		2	1	2			
1	3	5	1		2	1			8	11	2	1	2	1
									5	7	1			
									1					1
7	5		1		1				2	12			2	1
	152	35	41	7	29	22	21	3	187	162	27	10	17	28
	3	1		5			1		6			2		
	8	4	2			3	1		2	6	2	1	3	5
4	17	2	2	1	2	2			7	14	3	3	4	12
2	3	5	5	2	1	1			5	4	3	1		2
	1								1					
6	6		5		6	5	3		11	21	3	3	3	21
2	15	10	5		4	4	3	2	21	19	11	6	2	9
	2		1						2	3				
2	25	3	8	1	6	2		1	18	15	10	2	4	
		2							1	1				
3	12		5	1	4	3			18	36	2	4	6	8
13	30	10	9	7	6	9	6		23	40	17	10	9	25
	1	1	1		1		1	1					3	1
		1				1				2				
	1		1	1					1	3				
2	2								1	1	1	1	1	3
5	21	3	3	7	6	6	7	1	21	13	4	3	6	10
5	30	12	23	6	13	10	6	2	41	40	18	9	14	13
	1									1				

TABLE V.—Men rejected at mobilization camps with defects as listed, after having been  
1918, by States, covering approximately the

[Absolute numbers.]

Disease or defect.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
XV. Diseases of the skin:											
Bromidrosis.....											
Raynaud's disease.....											
Cellulitis.....											
Keloid.....											
Large scar of face.....											
Abdominal scar.....	2			3	2	5			1	1	
Other diseases of the skin.....	3	1	2	5		29	28	2	24	11	
XVI. Bones and organs of locomotion:											
Osteitis deformans.....	1	1				1			1		
Arthritis.....		3	1	5	1	22	3	1	20	3	1
Ankylosis, bony, of joint.....		2	3	3	1	15	8	1	25	1	
Ankylosis, fibrous, of joint.....	3	2	1	6		33	25	1	35	15	3
Bursitis.....						1				1	
Tenosynovitis.....						1			1		
Relaxed ligaments of joint.....				1	1		2		2	2	
Joint, resection of.....						1					
Chronic dislocation (other than hand)....	1			3		5	9	2	4	4	1
Contracture of joint.....		2				2			3	2	
Contracture of muscle fascia tendon or sheath.....	1			1		1	9		1		
Bunion.....				4	1	9	5	1	7		
Hammer toe.....		1		1		9	3	2		1	
Ingrowing nail.....											
Contraction of plantar fascia.....											
Pes cavus.....		1			1	1	2		9		
Pes planus.....	8	6	24	90	1	227	70	5	125	20	1
Pronated foot.....			1			5	66		2		
Loss of part of foot.....	1		2	4		10	5	1	10	2	
Deformities of foot (cause of type not specified).....	1	1	1	5	1	21	9	1	11	6	
Depressed fracture of skull.....				3		16	3	2	5	1	2
Ganglion.....											
Dupuytren's contraction of palmar fascia.....						1					
Deformities of hand, result of old injury or infection.....	3	4	1	6		20	6	1	10	4	2
Loss of one or more fingers.....		2	6	11		28	7	1	30	13	
Loss of part or whole of lower extremity.....						2	1		2		
Shortening of lower extremity.....	1	2	3	6		25	9		17	5	3
Loss of part of whole of upper extremity.....				1		1					1
Malunion fracture, upper extremity.....	2	1		9	2	22	10	1	18	4	3
Malunion fracture, lower extremity.....	2		6	11		44	20	3	38	11	3
Malunion fracture, other than extremity.....	1				1	7	2			2	
Nonunion fracture, upper extremity.....							1		1		
Nonunion fracture, lower extremity.....						1			1		
Recent operation wounds.....				1	1	1	1		1		
Scar of head.....						1					
Curvature of spine.....	4	1	5	5		22	16	1	20	1	1
Other diseases of bones and organs of locomotion.....	4	2	3	13	1	77	38	4	40	15	3
Hernia of muscle.....		1			1						



TABLE V.—*Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the*

[Absolute numbers.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
XVII. Malformations and ill-defined diseases:											
Defective physical development.....	20	.....	1	2	83	.....	10	1	1	11	3
Deficient chest measurements.....		.....	.....	.....	10	1	1	.....	.....	.....	.....
Overweight.....	1	.....	.....	.....	4	.....	2	.....	.....	.....	21
Underweight.....	70	.....	1	15	375	1	15	3	5	5	22
Malnutrition.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Monorchism.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cryptorchidism.....	.....	.....	.....	1	54	1	11	.....	.....	1	1
Hypospadia.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1
Fistula, post operative.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Fistula, other.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	3
Bullet, or other recent wound.....	7	.....	.....	3	11	3	3	.....	.....	.....	7
Ill-defined diseases....	1	.....	.....	1	20	.....	4	.....	1	1	3
Disease or defect not specified.....	4	.....	.....	1	13	1	2	.....	.....	.....	4
Under observation or undiagnosed.....	2	.....	.....	8	8	.....	4	.....	.....	.....	.....
Total number of men from each State rejected at mobilization camps.....	1,065	.....	158	743	3,336	224	1,219	94	47	534	1,203

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 237

examined by local and some by advisory boards, for the period from June, 1917, to May, first million men sent to camp—Continued.

[Absolute numbers.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
5	27	7	4	.....	11	2	11	.....	18	35	11	6	7	15
1	3	1	.....	.....	2	.....	3	.....	4	4	.....	.....	1	.....
20	61	7	5	.....	14	31	4	1	32	27	5	9	5	54
1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	7	3	2	.....	4	1	3	.....	19	5	3	.....	.....	16
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1	.....	1
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	4	.....	.....	.....	.....	1	.....	.....	1	3	.....	1	.....	.....
.....	8	5	3	1	4	8	.....	.....	2	7	4	3	.....	4
.....	7	1	.....	.....	1	2	.....	.....	2	2	.....	1	.....	.....
.....	27	6	4	1	3	2	1	1	4	2	3	.....	.....	3
.....	.....	2	1	1	2	2	1	.....	3	2	1	4	1	.....
263	2,419	838	833	388	888	842	323	72	2,542	3,410	757	693	1,062	887

## 238 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE V.—Men rejected at mobilization camps with defects as listed, after having been  
1918, by States, covering approximately the

[Absolute numbers.]

Disease or defect.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
<b>XVII. Malformations and ill-defined diseases:</b>											
Defective physical development.....	4	2	2	16	9	47	18	.....	13	3	4
Deficient chest measurements.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....
Overweight.....	.....	.....	.....	1	.....	10	2	1	6	.....	.....
Underweight.....	3	11	5	36	2	126	7	1	49	6	12
Malnutrition.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monorchism.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
Cryptorchidism.....	1	.....	.....	7	1	14	1	1	7	6	1
Hypospadia.....	.....	.....	.....	1	.....	3	1	.....	.....	.....	.....
Fistula, post operative.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Fistula, other.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Bullet, or other recent wound.....	.....	.....	.....	2	.....	5	6	1	5	2	1
Ill-defined diseases.....	.....	.....	.....	1	.....	10	1	.....	5	2	.....
Disease or defect not specified.....	1	1	.....	2	2	6	2	.....	6	.....	.....
Under observation or undiagnosed.....	2	.....	.....	3	.....	10	.....	1	2	2	.....
Total number of men from each State rejected at mobilization camps.....	343	113	199	1,412	126	4,726	1,839	206	1,904	676	150

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 239

examined by local and some by advisory boards, for the period from June, 1917, to May, first million men sent to camp—Continued.

[Absolute numbers.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
5	4	11		14	17	6	3	2	17	1	8	3	96	630
									1		1		2	22
1	2	1		3	5		1	1		1			6	91
16	11	2		45	21	20	3		70	1	12	3	171	1,660
1		1											1	6
													1	4
													1	5
4	1	6			13	8	1		12		2	2	40	265
		3				2			3				6	28
					1				1				1	7
		1			3								2	23
4		6		2	3	1		3	4	1	2		24	155
2	2	3			1	1		3	1		2		3	114
		1				1			1			1	13	119
3	1	1		1	3			1	1		1		15	89
1,336	350	897	90	417	1,068	353	169	378	940	260	925	118	9,363	52,918

## 240 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VI.—Men rejected at mobilization camps with defects as listed, after having been  
1918, by States, covering approximately

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
I. Infectious diseases.....					0.11	1.48	0.07			0.50	0.10
II. Tuberculosis, pulmonary.....	6.02		8.99	21.58	6.89	8.86	5.05	3.14	0.89	7.36	1.87
Tuberculosis, all other.....	.31		.26	.19	.53	.15	.22	.52		.33	.17
III. Venereal diseases:											
Chancroid.....	4.36			.10	.03						
Gonococcus infection.....	.43		.51	.19	1.70	.44	1.32		.22	.67	.14
Syphilis, all.....	.86		2.82	3.60	1.37	1.03	1.98	1.05		5.01	.8
IV. General diseases:											
Tumors, benign.....											
Carcinoma.....											
Obesity.....					.08					.17	
Cretinism.....											
Goiter, simple.....	.06		.26	.19	.31		.22			.17	
Exophthalmic goiter.....			.77		.39	.74	.07	.52		.17	.29
Diabetes mellitus.....	.06										
Alcoholism, chronic.....							.37	.52	.22		
Drug addiction.....			.26	.10	.50	.30	.37			.94	
Arthritis.....	1.23		.51	.78	.75	.44	.44			.33	.32
Poisoning, chronic.....											
Other general diseases.....	.06		.51	.19	.59		.07			.50	.29
V. Nervous diseases:											
Speech, defective.....	.06				.31					.17	.10
Neurasthenia.....	.12			.10	.08		.37			.17	
Neuritis.....	.06				.03		.07				.05
Ataxia, hereditary.....											
Multiple sclerosis.....				.10	.06	.15		.52		.17	.14
Paralysis of muscle.....					.17		.15			.17	.02
Paralysis of nerve.....				.19	.06			.52			
Epilepsy.....	.86		.51	3.21	.59	.89	2.05	1.05	.22	1.67	.67
Jacksonian epilepsy.....	.12										
Hysteria.....	.03			.10	.14			.52			.16
Tabes dorsalis.....	.25				.06					.17	.05
Other diseases of nervous system.....	.68			.68	.31	.15	.29			.33	.35
VI. Mental diseases:											
Mental deficiency.....	6.39		.51	3.79	1.45	1.18	2.71	.52		5.85	1.15
Dementia præcox.....	.61		.51	.58	.17	.15	.29	.52		.17	.12
Constitutional psychopathic states.....	.98		.26		.42	1.33	.37	.52	.22	.17	.13
Psychasthenia.....				.10	.03		.07			.17	
Psychoneuroses.....	.37			.39	.17	.15	.07			.84	.24
Psychoses, alcoholic.....					.03			.52			
General paralysis of the insane.....						.15	.07			.50	.07
Psychoses, other.....	.93		.51	.39	.25	.15	.15			.33	.05
VII. Diseases of the eye:											
Defective vision, cause not stated.....	.43		2.31	4.86	12.30	.15	14.72	2.62		7.96	5.36
Strabismus.....	.03		.26	.19	.47		.07	.52		.33	
Myopia.....	.12			.49	.03		1.03	.52		.17	
Hyperopia.....	.25			.10						.17	
Astigmatism.....	.25		.26	.19			.37	.52		.17	
Leucoma.....	.12						.07				
Cataract.....	.18			.19	.03	.15					.14
Conjunctivitis, granular.....	.03		.51	.19	.33					.33	
Conjunctivitis, other.....										.33	
Pterygium.....					.03					.17	
Choroiditis.....	.03										
Amblyopia.....	.03				.03		.22		.67	.33	
Color blindness.....					.03						
Glaucoma.....							.07				
Keratitis.....	.12									.17	
Nystagmus.....					.03					.33	.16
Eye, enucleation of.....											
Other diseases of the eye.....			.51	.39	.20		.15		.22	3.34	.14
VIII. Diseases of the ear:											
Defective hearing.....	.25			.19	.50		.81	1.05		1.34	.57
Otitis media.....	1.04		2.05	.58	3.74	1.18	2.20	2.10		2.51	.53
Perforated ear drum.....					.59						.06
Otitis, external.....											
Other diseases of the ear.....	.25				.17					.17	.14



examined by local and some by advisory boards, for the period from June, 1917, to May, the first 1,000,000 men sent to camp.

[Ratios per 1,000 men examined from each State.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
0.25	0.01	0.04	0.05	0.10					0.10	0.07	0.04	0.11	0.08	
4.41	2.47	3.07	4.42	6.42	7.56	8.86	7.78	.30	5.57	3.03	1.23	11.67	8.86	2.89
	.17	.13	.19	.40	.63	.08	.30		.40	.17	.15	.11	.08	.68
	.01				.13	.08			.03	.02			.04	
.25	.31	.17	.19		.31	.39	.90	.20	1.09	.38	.22	.91	.44	.51
.74	.98	2.73	.29	1.60	2.77	3.14	2.99	.20	2.42	1.56	.40	1.47	3.22	1.36
	.01					.08				.05		.23	.04	
.25											.04			
	.06													
		.13							.03					
1.23	.18	.21	.44	.40	.19	.08	.30		.07	.36	.62	.11	.20	1.10
1.23	.34	.38	.53	.90	.38	.16			.07	.97	.18	.23	.48	.76
	.04													
	.10	.04					.60		.60	.07		.11	.08	
.25	.11		.15	.40	.19	.24	.30	.10	.17	.07	.25	.11	.36	
.98	.26	.09	1.85	.30	.31	.39	.90		.36	.24	.62	.68	.20	.42
							.30				.04			.08
	.13	.17	.15	.50	.31		.30		.13	.24	.11	.34	.12	.42
.25	.07	.17			.19		.60		.10	.19		.11	.12	.34
	.10		.44	.10	.13				.26	.07	.07	.23	.08	
	.01		.15				.30		.13	.14	.04			
	.01	.04						.10		.21	.15	.11		
	.10		.29	.10		.16			.13	.05	.04	.11	.04	.08
	.01		.05	.10		.39							.08	
.49	.62	.64	.97	.60	.69	5.49	2.09	.10	1.72	.69	.33	1.93	.79	.34
						.08				.02				
	.07		.29		.06		.60		.07	.02		.11	.12	
			.10	.10	.25	.08				.17		.11	.08	.17
.49	.11	.30	.29	.30	.50	.78	.30		.50	.17	.11	.68	.40	.34
1.72	.91	.68	4.03	1.71	1.89	4.63	4.19	.40	1.92	3.67	1.09	7.14	3.22	1.53
.25	.14	.13	.53	.10		.31		.10	.40	.33	.33	.57	.20	
	.10	.09	.34	.60	.13		.30		.20	.17	.25	.45	.60	.08
	.01	.09			.06	.08			.17				.04	
	.17	.09	.05	.70	.13	.31				.12	.11	.34	.52	.34
	.03												.04	
	.04	.04	.10	.30					.03	.02			.16	
	.09		.19	.20	.06	.31			.20	.28	.11	.11	.08	.17
7.85	4.71	3.54	3.16	2.91	4.72	5.80	7.48	1.21	12.39	6.75	3.48	10.20	2.82	9.08
.49	.01	.30	.05		.13				.17	.24	.07			.34
	.18	.81	.15		.88	.24	.60	.30	.66	1.73	.07	.23	.16	
	.04	.26			.44	.31			.13	.26	.07	.11	.04	
	.07	.04	.05	.10	.06	.31	.30		.63	.76	.07	.23	.08	.08
										.02				
	.03	.13		.10	.13	.08			.03	.28		.45	.08	
	.09	.09	.05		.13	.16								
.49	.91	1.41	.05	.30	4.91	.08			.07	.14			.91	.25
	.04				.06				.03					.08
	.01	.17	.05	.10		.24				.09	.04	.11	.08	
	.07	.26	.10		.31				.03	.52	.07	.23	.28	
										.02				
	.01		.05							.02			.04	
	.01	.04			.06	.08				.07	.04	.23	.04	.08
										.02	.04			
.25	.13	.34	.24	.20	.57	.39		.20	.07	.36	.25	.45	.20	
.25	.23	.34	.29	.10	.63	.39	2.39		.80	.33	.15	.45	.40	.42
2.21	1.87	1.11	1.26	1.30	1.76	.94	2.09	.61	1.62	2.98	1.02	3.06	1.51	2.55
.74	.07	.09								.07	.04		.04	.42
													.04	
		.04							.07	.05				.42

## 242 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VI.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hamp- shire.	New Jersey.	New Mexico.	New York.	North Caro- lina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
I. Infectious diseases.....				0.13		0.01	0.13		0.06	0.05	
II. Tuberculosis, pulmonary..	4.12	1.39	4.81	2.08	11.28	2.56	10.74	1.06	1.67	3.02	2.52
Tuberculosis, all other.....	.09			.13	.35	.22	.53	.30	.11	.10	.31
III. Venereal diseases:											
Chancroid.....	.09					.02	.07		.04	.05	
Gonococcus infection.....		.69	.87	.23	.141	.31	.40	.60	.22	.10	
Syphilis, all.....	1.55	1.39	.44	.39	1.06	1.00	2.24	.15	1.78	3.12	.35
IV. General diseases:											
Tumors, benign.....				.03		.02			.04		
Carcinoma.....											
Obesity.....						.01	.13		.06		
Cretinism.....											
Goiter, simple.....	.18			.07		.21	.33	.76	.43	.10	.35
Exophthalmic goiter.....	.27	.69		.23	.35	.29	.79	.60	.46		
Diabetes mellitus.....	.18					.01					
Alcoholism, chronic.....				.10		.07	.07		.06		
Drug addiction.....	.18	.69	.44	.07	.35	.68	.07			.50	.31
Arthritis.....		2.08	.44	.16	.35	.25	.20	.15	.37	.15	.35
Poisoning, chronic.....											
Other general diseases.....	.27	.69		.10	.35	.11	.53		.19	.15	.35
V. Nervous diseases:											
Speech, defective.....				.10		.08	.07	.15	.07		.35
Neurasthenia.....	.09					.09	.20		.17		
Neuritis.....						.04	.07	.15	.04	.10	
Ataxia, hereditary.....							.07		.02		
Multiple sclerosis.....	.09					.02	.13		.02	.05	.35
Paralysis of muscle.....				.07		.02	.26	.15	.04	.05	
Paralysis of nerve.....	.09					.02	.07				
Epilepsy.....	.55	.69	2.19	.92	1.06	.95	1.58	.76	.59	.45	1.05
Jacksonian epilepsy.....											
Hysteria.....	.09			.03		.03	.07		.06	.20	.35
Tabes dorsalis.....	.09				.35	.02		.15	.07	.15	
Other diseases of nerv- ous system.....				.16		.25	.33	.39	.28	.25	.51
VI. Mental diseases:											
Mental deficiency.....	1.92		4.37	1.34	3.88	1.23	10.88	2.72	1.11	1.71	.75
Dementia praecox.....	.27		.44	.03		.21	.40	.15	.19	.35	
Constitutional psycho- pathic states.....	.37	.69		.07	.35	.20	.13	.15	.15	.10	
Psychasthenia.....				.03		.02	.07		.04		
Psychoneuroses.....	.18					.08	.46	.15	.06	.20	.35
Psychoses, alcoholic.....				.07		.04			.02		
General paralysis of the insane.....						.01			.04	.05	
Psychoses, other.....	.09			.07	.35	.19	.40	.15	.30	.15	.35
VII. Diseases of the eye:											
Defective vision, cause not stated.....	2.65	7.62	9.18	4.09	2.82	9.73	4.88	4.38	3.47	2.42	4.62
Strabismus.....	.09			.10		.16	.92	.15	.11	.30	
Myopia.....	.09		.87	.72		1.03	.07	.30	.28		.35
Hyperopia.....				.13		.11	.26		.02	.05	
Astigmatism.....				.20		.34	.13	.45	.04	.10	
Leucoma.....						.01			.02	.05	
Cataract.....	.18					.08	.20	.15	.07	.10	
Conjunctivitis, other.....				.13			.20		.02		
Conjunctivitis, granu- lar.....		.69		.10	1.41	.25	1.05	.45	.07	.60	
Pterygium.....							.13				
Choroiditis.....				.36		.06	.13		.04	.10	
Amblyopia.....			.44	.10	.35	.18	.33	.15	.07	.20	
Color blindness.....											
Glaucoma.....						.01					
Keratitis.....	.09										
Nystagmus.....							.20		.04	.05	
Eye, enucleation of.....											
Other diseases of the eye.....	.09			.20		.11	.59	.30	.11	.65	
VIII. Diseases of the ear:											
Defective hearing.....	.09		.87	.59		.31	.79		.26	.25	
Otitis media.....	1.28	3.46	1.31	2.59	.70	3.64	1.12	1.21	1.28	1.51	1.25
Perforated ear drum.....	.18	.69	.44	.10		.04				.10	
Otitis, external.....						.01	.07				
Other diseases of the ear.....				.03		.01			.04		

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 243

examined by local and some by advisory boards, for the periods from June, 1917, to May, first one million men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
0.01	0.25	0.40	0.25	0.07	0.06				0.15		0.11		0.12	0.07
1.21	7.07	8.88	4.73	1.23	4.60	4.08	6.25	2.96	4.66	2.46	2.10	5.69	8.66	4.55
.08	.25	.80	.25		.17	.21	.48	.11	.15		.16	1.04	.58	.24
.01		.60	.25	.07					.15	.08			.08	.11
.06	2.02	1.10		.14	.39	.21	1.44	.11	.15	.16	.05		1.43	.49
.32	4.55	3.99		.61	1.84	.86	.96	.21	1.04	.32	.38	.52	2.72	1.51
.01	.25				.03						.05		.07	.02
.03					.03			.05			.11		.05	.00
.04		.20		.14	.03	.86	.48		2.51		.21		.42	.27
.15		.30	.50	.20	.06	.64		.05	1.70	.24	.75	.52	.90	.41
.01	.51				.03		.48				.05		.07	.01
.01	.25	.30		.20	.14	.43		.05	.22	.08	.05	.52	.11	.07
.09	.51	.60		.07	.20	.107		.21	.30		.38		.84	.27
.10		.40		.07	.14	.43		.11	.15			.52	1.29	.45
.03		.40				.21			.22	.08	.21		.25	.00
.03	.25				.06	.21	.48		.07		.11		.19	.10
					.03				.07		.11		.26	.11
.03						.21		.05	.07	.08			.13	.05
		.10		.07	.03			.05	.07				.10	.00
.01				.07				.05	.07				.10	.06
.27	.76	1.90		.48	.47		.96	.43	.22	.32	.64		.11	.03
.01		.40			.03			.05					2.87	1.03
.03	.76			.14	.14			.05			.05		.27	.01
.05		.30		.34	.39	.21	.48		.30	.16	.48	.52	.05	.09
.56	5.31	9.08	1.99	2.04	.61	.43	.96	.70	.81	.87	3.71		.69	.30
.18		.70		.14	.22	.21		.21	.22	.16	.21		1.10	.04
.08	.25		.25	.20	.08	.43	.96	.05	.22	.16	.05		.10	.22
.01		.70	.25	.07	.11				.07				.89	.01
.04				.20									.01	.01
	.25			.07									.05	.03
.06		.20		.07	.28	.21			.15	.08	.11		.73	.23
2.48	8.08	4.79	2.24	2.45	1.62	7.09	10.10	2.47	6.95	2.77	5.59	10.35	10.21	5.85
.03	.25	.50			.17			.21	.22	.55	.16		.15	.15
.19	1.26	.20		.07	.28			.59	.22	.40	1.07		.64	.46
.08	.25			.14	.08		.48	.05		.16	.32		.23	.11
.11	.51	.20			.03		.96	.05			.38		.23	.18
.04					.08					.08			.02	.02
.10	.25	.40		.07	.25	.21		.21			.38		.09	.10
.01								.05		.08			.04	.03
	.51	.60		.20	.45	.21			.22	.16	.05		.51	.39
.01		.10			.03			.16			.05		.03	.02
.05		.10			.22			.75	.07	.24	.16		.06	.06
.20		.20			.33								.26	.18
														.00
	.25	.10												.00
.01					.03					.24			.05	.01
					.06								.02	.01
.13		.40	.25	.48	.36			.48	.07	.40	.38	.52	.26	.25
.11	.51	.50	.25	.20	.33	.86	.96	.16	.44		.21	.52	.62	.37
.51	1.01	.50	.50	.34	.70	3.87	.48	.11	2.14	.79	1.18	1.55	3.13	1.84
.01		.20		.07	.08	.43			.22				.15	.08
		.10												.00
.03	.25	.20			.03			.05			.05		.09	.05

244 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VI.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
<b>IX. Diseases of the nose:</b>											
Nose, external deformity of.....					0.03						
Polypus nasal.....											
Rhinitis hypertrophic.....			0.51								
Sinusitis.....						0.15				0.17	0.05
Other diseases of the nasal fossae.....	0.06			0.19	.08		0.07				
<b>X. Diseases of the throat:</b>											
Tonsillitis, hypertrophic.....					.03						
Other diseases of the pharynx.....	.06		.26		.08						.05
Other diseases of the larynx.....					.03						
<b>XI. Circulatory system:</b>											
Endocarditis, acute, chronic.....	.18		.51	1.56	.53		.07	0.52		.17	.10
Valvular heart disease—											
Tricuspid lesions.....											.05
Mitral insufficiency.....	4.24		2.82	4.67	5.75	1.92	4.91	1.05	1.78	4.18	4.35
Mitral stenosis.....	2.33		2.31	.58	.70	2.80	1.39	1.57		2.34	1.11
Aortic insufficiency.....	.18			.78	.14	.59	.29	.52		.50	.45
Aortic stenosis.....	.12			.29	.22	.30	.15				
Combined lesions, aortic and mitral.....					.11			.52			
Pulmonic lesions.....											
Unclassified.....				.58	.25		.51	.52		.33	
Myocarditis.....	.55			.29	.11					.17	1.15
Myocardial insufficiency.....										.17	
Pericarditis.....											.05
Heart block.....											
Cardiac hypertrophy.....	.18			.58	.14	.15	.81	1.05		.67	.14
Cardiac dilatation.....					.03	.15	.15				
Cardiac arrhythmias.....					.06		.15				
Tachycardia.....	.74			.87	.14		.59			1.00	.3
Bradycardia.....											
Hemorrhoids.....	.06		.26		.50		.73	.52		.33	
Varicose veins.....	.37		.26	.29	1.23		1.32			.33	.29
Varicocele.....	.06			.39	.14		.15	.52		.17	.05
Other diseases of circulatory system.....	.31		.51	.10	.20	.15	.15	.52			.35
<b>XII. Respiratory system:</b>											
Asthma.....	1.17		.77	1.17	.64	.74	1.03	1.05		2.01	.29
Bronchitis.....	.12			.10	.20	.15	.15			1.00	.14
Pleurisy fibrinous.....				.10	.03		.07		.22		
Other diseases of respiratory system.....	.12		.51	.39	.67	.15	.51			.84	.19
<b>XIII. Digestive system:</b>											
Defective or deficient teeth.....	2.15		.77	.97	4.55	.44	8.13	5.24	1.11	4.85	8.69
Dental caries.....					.03						
Gastroptosis.....											
Gastro-enteroptosis.....											
Appendicitis.....							.07				
Hernia.....	2.88		1.28	2.92	7.56	.74	4.98	3.67	.89		.62
Intestinal obstruction.....									.44		
Inguinal rings, enlargement of.....							.07	.52			
Fistula in ano.....	.18			.10	.31		.07			.50	.24
Other diseases of digestive system.....	.18		.26	.10	.39	.15	.73			.67	.17
<b>XIV. Genito-urinary system (nonvenereal):</b>											
Nephritis, acute, chronic.....				.10	.08		.29			.33	.05
Nephroptosis.....											
Hydrocele.....				.10	.08		.29			.17	
Other diseases of the genito-urinary system (nonvenereal)....	.37		.26	.10	.53	.15	.81			1.50	.3

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 245

examined by local and some by advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
										0.02				
		0.04								.05				
	0.01		0.05	0.10	0.13						0.04			
	.11	.04			.06		0.06		0.10	.07	.07			
		.04	.05						.03				0.04	
	.04				.13							0.11	.04	
	.01	.04								.02				
0.98	.17	.17	.24	.10		1.49	.30		.17	.19	.07	.79	.12	0.42
	.01									.02				
5.15	1.46	2.00	3.21	2.91	2.14	2.90	4.49	0.10	3.61	9.03	2.36	6.23	3.65	6.03
1.23	.64	.43	1.55	3.41	.57	.94	.60	.10	.80	8.08	.98	3.85	2.74	.85
	.23	.13	.19	.60	.25	.47			.26	.81	.15	.23	.56	.42
	.07	.13	.05	.20	.13	.39	.30		.07	.07	.07	.34		.17
	.03		.05						.10	.05		.11	.04	
	.23	.21		.10	.13	.24	1.50		.03	.02		.23		.08
	.14	.13	.10	.10	.19	.31			.23	.05	.15	.23	.16	.25
									.03	.26	.07	.45	.08	.17
										.02				.06
			.05							.02			.04	
	.18	.26	.15	.40	.31	.31	.90		.53	.36	.22	.91	.28	
	.01				.06				.10	.02	.04		.04	
	.04	.04			.06				.10	.07	.04	.11	.08	
	.21	.26	.29	.20	.19	.55	.60		.50	.54	.11	1.25	.28	.25
						.08						.11		
.98	.43	.38	.19	.70	.31	.39	.30		.23	.24	.07			.34
.25	.14	.26			.31	.16	2.69	.10	1.06	.45	.54	1.02	.20	1.27
					.06	.24	.30	.10	.36	.17	.04	.57		.08
	.09	.09	.15	.20	.19	.24		.10	.23	.26	.04	.34	.04	.42
.25	.44	.38	.73	.60	.50	2.82	.60	.10	1.03	.66	.18	.45	.44	.59
	.07		.05		.38	.08	.60		.30	.26		.11	.08	.17
.25	.03		.05						.03	.14		.34	.04	
.49	.17		.19	.30	.13		1.20		.23	.24	.15	.34	.20	1.10
3.43	1.87	1.79	.29	.20	3.34	3.06	13.46	.71	15.41	6.87	2.03	2.38	.12	6.20
							.30			.02			.04	
		.04							.03	.02	.04			
5.64	.01		.05						.10	.02		.11	.04	
	2.40	3.37	1.75	2.11	4.16	2.98	4.19	.61	5.57	8.17	1.52	2.27	.99	7.56
	.13	.04	.15				.60		.07	.05				
									.17	.09	.04		.12	.08
.49	.18	.13	.63	.20	.63	.24	.60		.53	.36	.15	.23	.20	.17
.25	.06	.09	.05		.06	.08			.23	.02	.15		.16	
	.04	.04					.30	.10	.10	.09			.04	.08
.74	.24	.26	.49	.20	.13	.63	.60		.53	.24	.18		.40	.34

## 246 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VI.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hamp- shire.	New Jersey.	New Mexico.	New York.	North Caro- lina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
IX. Diseases of the nose:											
Nose, external de- formity of.....											
Polypus nasal.....											
Rhinitis hypertrophic						0.01					
Sinusitis.....				0.03					0.06		
Other diseases of the nasal fossae.....						.01			.09		
X. Diseases of the throat:											
Tonsillitis, hypertro- phic.....	0.09					.01	0.07			0.10	0.26
Other diseases of the pharynx.....	.09			.03		.01			.02		
Other diseases of the larynx.....											
XI. Circulatory system:											
Endocarditis, acute, chronic.....	.18	0.69	0.44	.13		.37	.07	0.30	.39	.10	.51
Valvular heart dis- ease—											
Tricuspid lesions..											
Mitral insuffici- ency.....	3.93	5.54	5.68	1.93	1.76	1.53	3.56	2.57	1.97	1.71	2.31
Mitral stenosis....	2.65		.44	.56	3.17	.44	2.37	1.06	.72	.81	.26
Aortic insuffici- ency.....	.55		.87	.36	.35	.23	.59		.26	.30	
Aortic stenosis....				.03	.35	.06	.13	.15	.04	.05	.2
Combined lesions, aortic and mi- tral.....				.07		.02			.04	.10	
Pulmonic lesions..				.07		.03			.06		
Unclassified.....	.18		1.31	.23		.28	.13		.04	.05	.26
Myocarditis.....				.07		.22	.13	.15	.13	.15	
Myocardial insuffi- ciency.....				.03							
Pericarditis.....						.04					
Heart block.....										.10	
Cardiac hypertrophy..	.18	1.39	1.31	.43		.22	.73		.07	.15	.26
Cardiac dilation....						.10					
Cardiac arrhythmias..			.87	.03		.04					
Tachycardia.....	.37		.44	.10		.16	.33		.48		
Bradycardia.....											
Hemorrhoids.....					.35	.15	.26		.09	.05	
Varicose veins.....	.09	.69	1.75	.36	.70	.59	.59	.15	.74	.35	.51
Varicocele.....						.08	.26		.06		
Other diseases of cir- culatory system....		.69		.33		.36	.46	.15	.15	.30	
XII. Respiratory system:											
Asthma.....	.46		.87	.29		.35	1.12	.76	.19	.10	.51
Bronchitis.....				.10		.04	.13		.30	.05	
Pleurisy fibrinous..				.03		.06					
Other diseases of res- piratory system....	.37	2.08	.44	.13		.19	.59		.19	.40	.26
XIII. Digestive system:											
Defective or deficient teeth.....	.64	3.46	11.80	13.53	.35	6.67	3.36	.30	1.30	.55	1.03
Dental caries.....						.02				.05	
Gastroptosis.....											
Gastro-enteroptosis..											
Appendicitis.....						.01			.04		
Hernia.....	1.01	9.70	3.93	2.23	.35	4.40	2.90	3.17	2.60	2.27	3.06
Intestinal obstruction											
Inguinal rings, en- largement of.....	.09			.10		.09	.07		.07	.05	
Fistula in ano.....	.09			.07		.09	.20		.06	.35	
Other diseases of di- gestive system.....	.18	.69		.16	.35	.36	.66	.15	.19	.35	
XIV. Genito-urinary system (nonvenereal):											
Nephritis, acute, chronic.....	.09			.03		.11	.07			.10	
Nephroptosis.....				.03							
Hydrocele.....				.03		.08	.07			.10	
Other diseases of the genito-urinary sys- tem (nonvenereal)..	.09	1.39	1.31	.16		.21	1.05	.91	.37	.30	.26

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 247

examined by local and some by advisory boards, for the period from June, 1917, to May, first one million men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
														0.00
														.00
														.01
			0.25										0.02	.02
0.05		0.10			0.14		0.48		0.07		0.05		.10	.06
					.03		.48					0.52	.02	.02
		.10				0.21	.48	0.05	.07				.07	.03
														.00
.09	0.25	.10		0.14	.03	.86			.59	0.16	.11	.52	.72	.29
											.05			.00
2.35	1.77	3.69	2.74	.61	1.20	8.38	4.33	1.34	6.36	2.54	3.55	3.11	4.13	3.15
.43	1.77	3.09	1.99	.27	.33	.86	.96	.43	.74	.55	3.06	.52	2.11	1.41
.10	1.01	.60	.50		.14			.21	.37	.16	.21		.59	.31
.03	.25				.03					.08	.05	.52	.05	.07
.01	.25	.10	.25			.21							.04	.03
					.03									.01
.05	1.26	.10	.25	.34	.03		.48	.11	.15				.23	.17
.09				.14			.48	.11	.07	.40	.11	.52	.26	.17
														.00
								.05					.02	.01
													.01	.01
.23	1.26	1.80		.14	.17		.48	.11	.22	.08	.16		.36	.28
		.10											.05	.03
.01	.25				.03						.11	.52	.02	.03
.13	.25	.90	.75		.14		.48	.16	.07		.16	.52	.33	.28
					.03									.00
.05	.51	.70			.33			.21	.22		.11		.20	.16
.14	.51	.60		.34	.39	1.50	.96	.11	.74		.38	1.04	.79	.53
.03	.51	.20		.14		.64	.96		.07		.21		.21	.12
.06	.76	.80		.07	.17	.64			.22	.24	.11	.52	.35	.21
.24	.25	1.00	.50	.20	.42	.86	1.44	.16	.44	.71	.21		.97	.56
.03	.25		.25	.07	.03						.16	1.04	.28	.13
.03		.10	.25		.03						.05		.10	.04
.06	.25	.50	.25		.11	.86	.48	.05	.44		.11	2.07	.68	.28
.85	13.64	3.29	.75	1.77	1.03	4.73	12.99	.75	4.51	.71	3.44	4.66	4.28	3.87
													.01	.01
													.02	.00
														.00
		.10									.05		.06	.02
.66	5.31	5.29	1.00	1.43	2.62	6.45	5.77	.91	5.69	.24	4.67	3.11	5.35	3.39
														.00
.01		.10			.03			.05			.05		.07	.04
	.25	.80		.07	.25			.05					.13	.11
.13	1.01	.60	.25	.14	.20	.21	.96	.05	.44	.08	.32	.52	.64	.31
.04					.08		.48	.05	.30	.08			.16	.08
													.01	.00
		.10			.06		1.44		.07		.05		.09	.05
.09	.76	1.90		.20	.20	.64	.43	.11	.30		.16	1.55	.93	.38



## 248 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VI.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	Distriet of Columbia.	Florida.	Georgia.
<b>XV. Diseases of the skin:</b>											
Bromidrosis.....										0.17	
Raynaud's disease.....											0.06
Cellulitis.....											
Keloid.....											
Large scar of face.....											
Abdominal scar.....					0.20		0.07			.33	
Other diseases of the skin.....	0.98		0.26	0.49	.81	0.15	1.03	1.57		2.17	.43
<b>XVI. Bones and organs of locomotion:</b>											
Osteitis deformans.....							.07				.07
Ankylosis, bony, of joint.....	.49		1.03	.39	.81	.15	.88			.84	.34
Ankylosis, fibrous, of joint.....	.86			.88	1.73	.44	.95	1.05	0.22	.67	.9
Bursitis.....					.06						
Tenosynovitis.....											
Relaxed ligaments of joint.....					.06		.07				
Joint, resection of.....											
Chronic dislocation (other than hand).....	.12		.26	.19	.17	.15	.25	.52		.17	.16
Contracture of joint.....	.12				.06					.17	.16
Contracture of muscle fascia, tendon, sheath..	.18			.29	.03					.17	
Bunion.....	.25				.22		.22		.22		.16
Hammer toe.....	.18		.26	.10	.06		.22			.17	
Ingrowing nail.....								.52			
Contracture of plantar fascia.....											
Pes cavus.....					.11						
Pes planus.....	2.27		.77	2.24	3.54	.59	9.08	4.71	.22	6.02	1.53
Pronated foot.....	1.41						.22			2.34	.16
Loss of part of the foot.....	.49		.26	.19	.42	.15	.44			.33	.3
Deformities of foot (cause or type not specified).....	.61		.26	.29	.03	.15	.26			.50	.4
Ganglion.....											
Depressed fracture of skull.....	.18		.77		.17		.15			.17	.14
Dupuytren's contraction of palmar fascia.....											
Deformities of hand, result of old injury or infection.....	.92			.29	1.31	.30	.59				1.07
Loss of one or more fingers.....	.74		.26	.58	.67		.88	.52	.22	.33	1.54
Loss of part or whole of lower extremity..	.06				.03						
Shortening of lower extremity.....	.98		.26	.10	.28		.95			.50	.62
Loss of part or whole of upper extremity..				.10							
Malunion fracture of upper extremity....	.61			.10	.70	.30	.37			.84	.33
Malunion fracture of lower extremity....	.37		.77	.58	.98		1.03	.52	.22	.84	.57
Malunion fracture other than extremity.....	.06				.06	.15	.15				
Nonunion of fracture, upper extremity....	.06				.08		.07			.17	
Nonunion of fracture, lower extremity....					.03	.44					
Recent operation wounds.....					.06		.07		.22		
Scar of head.....					.03						
Curvature of spine....	.61			.19	.95	.59	.59		.44	.33	.72
Hernia of muscle.....					.03						
Other diseases of bones and organs of locomotion.....	1.41		.51	.97	1.53	.59	1.61	2.10		1.84	1.19



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 249

*examined by local and some by advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.*

[Ratios per 1,000 men examined from each State.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
										0.02				
								0.10			0.04			
0.25	0.08	0.04			0.08					.05	.07	0.11	0.04	0.08
.49	.35	.04	0.73	0.30	.94	0.78	1.50	.10	0.70	.59	.25	.68	.20	.59
					.06									
.74	.14	.30	.24	.10	.13	.71			.30	.40	.25	.45	.04	.68
1.96	.33	.30	.34	.10	.63	.94	2.09		.83	.73	.54	.79	.28	1.36
	.01								.03	.02				
			.05							.02				
		.04	.05	.10		.08			.03	.12				.08
	.09	.09	.10	.20	.19	.39			.33	.21	.07	.23	.12	.08
.25	.01	.04	.05	.20		.08	.30			.07		.11		.08
	.11	.04	.15	.10		.08	.30		.07	.02	.07			.08
.25	.04	.21	.05		.13	.08			.26	.26	.07	.11		.08
									.17	.17	.04		.08	.08
									.03					
	.07		.05		.06				.07	.28			.08	.08
1.72	2.16	1.49	1.99	.70	1.83	1.73	6.28	.30	6.20	3.84	.98	1.13	.68	2.38
	.04	.04		.50			.30		.20			.23		
	.11	.17	.10			.24	.30		.07	.14	.07	.11	.12	.42
.98	.24	.09	.10	.10	.13	.16			.23	.33	.11	.34	.16	1.02
.49	.04	.21	.24	.20	.06	.08			.17	.09	.11	.11		.17
	.01								.03					
1.47	.09		.24		.38	.39	.90		.36	.50	.11	.34	.12	1.78
.49	.21	.43	.24		.25	.31	.90	.20	.70	.45	.40	.68	.08	.76
	.03		.05						.07	.07				
.49	.35	.13	.39	.10	.38	.16		.10	.60	.36	.36	.23	.16	
		.09							.03	.02				
.74	.17		.24	.10	.25	.24			.60	.85	.07	.45	.24	.68
3.19	.43	.43	.44	.70	.38	.71	1.79		.76	.95	.62	1.13	.36	2.12
	.01	.04	.05		.06		.30	.10					.12	.08
		.04				.08				.05				
	.01		.05	.10					.03	.07				
.49	.03								.03	.02	.04	.11	.04	.25
1.23	.30	.13	.15	.70	.38	.47	2.09	.10	.70	.31	.15	.34	.24	.85
	.01									.02				
1.23	.43	.51	1.12	.60	.82	.78	1.79	.20	1.36	.95	.65	1.02	.56	1.10

250 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VI.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hamp- shire.	New Jersey.	New Mexico.	New York.	North Caro- lina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
<b>XV. Diseases of the skin:</b>											
Bromidrosis.....											
Raynaud's disease.....											0.28
Cellulitis.....											
Keloid.....											
Large scar of face.....											
Abdominal scar.....	0.18			0.10	0.70	0.06			0.02	0.05	
Other diseases of the skin.....	.27	0.69	0.87	.16		.32	1.85	0.30	.45	.55	
<b>XVI. Bones and organs of loco- motion:</b>											
Osteitis deformans....	.09	.69				.01			.02		
Ankylosis, bony, of joint.....		1.39	1.31	.10	.35	.17	.53	.15	.46	.05	
Ankylosis, fibrous, of joint.....	.27	1.39	.44	.20		.37	1.65	.15	.65	.78	.17
Bursitis.....						.01				.05	
Tenosynovitis.....						.01			.02		
Relaxed ligaments of joint.....				.03	.35		.13		.04	.10	
Joint, resection of.....						.01					
Chronic dislocation (other than hand)....	.09			.10		.06	.59	.30	.07	.20	.26
Contracture of joint....		1.39				.02			.06	.10	
Contracture of muscle, fascia, tendon, sheath	.09			.03		.01	.59		.02		
Bunion.....				.13	.35	.10	.33	.15	.13		
Hammer toe.....		.69		.03		.10	.20	.30		.05	
Ingrowing nail.....											
Contracture of plantar fascia.....											
Pes cavus.....		.69			.35	.01	.13		.17		
Pes planus.....	.73	4.16	10.49	2.95	.35	2.54	4.61	.76	2.32	1.01	2.05
Pronated foot.....			.44			.06	4.35		.04		
Loss of part of the foot.	.09		.87	.13		.11	.33	.15	.19	.10	.26
Deformities of foot (cause or type not specified).....	.09	.69	.44	.16	.35	.23	.59	.15	.20	.30	
Ganglion.....											
Depressed fracture of skull.....				.10		.18	.20	.30	.09	.05	.51
Dupuytren's contrac- tion of palmar fascia.						.01					
Deformities of hand, result of injury or infection.....	.27	2.77	.44	.20		.22	.40	.15	.19	.20	.51
Loss of one or more fingers.....		1.39	2.62	.36		.31	.46	.15	.56	.65	
Loss of part or whole of lower extremity..						.02	.07		.04		
Shortening of lower extremity.....	.09	1.39	1.31	.20		.28	.59		.32	.25	.77
Loss of part or whole of upper extremity..				.03		.01					.26
Malunion fracture of upper extremity....	.18	.69		.29	.70	.25	.66	.15	.33	.20	.77
Malunion fracture of lower extremity....	.18		2.62	.36		.49	1.32	.45	.71	.55	.77
Malunion fracture other than extremity	.09				.35	.08	.13			.10	
Nonunion of fracture, upper extremity....							.07		.02		
Nonunion of fracture, lower extremity....						.01			.02		
Recent operation wounds.....				.03	.35	.01	.07		.02		
Scar of head.....						.01					
Curvature of spine....	.37	.69	2.19	.16		.25	1.05	.15	.37	.05	.26
Hernia of muscle.....		.69			.35						
Other diseases of bones and organs of loco- motion.....	.37	1.39	1.31	.43	.35	.86	2.50	.60	.74	.76	.77

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 251

examined by local and some by advisory boards, for the period from June, 1917, to May, first one million men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
													0.03	0.00
													.02	.00
														.00
		0.10												.00
													.01	.00
		.30			0.03	0.43			0.15	0.08			.09	.06
0.10		1.70		0.27	.45	.64	0.96	0.38	.89	.08	0.27	0.52	.80	.50
.01	0.25							.05					.01	.01
.09	1.01	.40			.20	.64		.16	.59	.08	.21		.49	.31
.32	1.10	1.10		.34	.39	2.15	1.44	.11	1.92	.16	.75	.52	.76	.63
						.21							.03	.01
	.25												.02	.01
.01	.25			.07	.08	.21			.07				.08	.04
														.00
.04	.51	.50			.11				.22	.24	.16	1.04	.29	.15
.01				.14	.06	.21							.06	.04
		.20				.21							.03	.03
.04	.25	.30		.14	.06			.05	.15	.08	.32		.15	.12
.01	.25				.08			.05			.05		.16	.08
														.00
												.52	.01	.00
.03		.20			.03				.22		.11		.09	.06
.71	7.07	3.59		1.36	.59	2.79	7.21	.81	2.66	.55	2.79	2.59	4.55	2.51
.08		3.29		1.70				.11					.19	.22
.04	.25	.20		.07	.06	.43		.05	.15	.08	.11	.52	.25	.16
.03	.25	.30	0.25	.34	.11	1.07	.48	.21	.44	.03	.38		.37	.24
					.03									.00
.06		.20			.03	.64		.05		.08	.11	.52	.19	.12
													.02	.00
.06	.25	.40		.14	.11	.64		.11	1.40	.24	.86	1.55	.58	.37
.22	.25	.50		.27	.22	.43	.48	.27	1.63	.16	.80	1.04	.49	.43
.01													.02	.02
.15	.25	1.00	.25	.20	.33	.64	.48	.11	.15	.24	.11		.60	.34
					.03						.05		.06	.02
.06	.76	.50		.20	.11	1.07		.11	.81	.08	.75	1.04	.72	.36
.18	.51	.90		.41	.36	1.50	.96	.43	.74	.32	.43	1.55	1.11	.64
.04				.07		.21		.05	.30		.21		.11	.05
													.02	.01
					.03				.07		.05		.06	.02
		.10					.48		.30		.05		.08	.04
														.00
.24	.51	.70	.25	.27	.17	.43	.48	.21	.74	.08	.48		.75	.41
														.00
.38	.51	2.29		1.23	.73	2.15	2.89	.43	1.18	.55	1.18	1.55	1.88	.97

TABLE VI.—Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.	Alaska.	Arizona.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	District of Columbia.	Florida.	Georgia.
<b>XVII. Malformation, and ill-defined diseases:</b>											
Defective physical development.....	1.23	.....	0.26	0.19	2.32	.....	0.73	0.52	0.22	1.84	1.77
Deficient chest measurement.....	.....	.....	.....	.....	.28	0.15	.07	.....	.....	.....	.....
Overweight.....	.06	.....	.....	.....	.11	.....	.15	.....	.....	.....	1.06
Underweight.....	4.30	.....	.26	1.48	10.46	.15	1.10	1.57	1.11	.84	12.51
Malnutrition.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....	.....
Monorchism.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cryptorchidism.....	.....	.....	.....	.10	1.51	.15	.81	.....	.....	.17	.06
Hypospadias.....	.....	.....	.....	.....	.06	.....	.....	.....	.....	.....	.06
Fistula, post operative.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....	.....
Fistula, other.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.17	.14
Bullet or other recent wound.....	.43	.....	.....	.29	.31	.44	.22	.....	.....	.....	.37
Ill-defined diseases.....	.06	.....	.....	.10	.56	.....	.29	.....	.22	.17	1.56
Disease or defect not specified.....	.25	.....	.....	.10	.36	.15	.15	.....	.....	.....	.16
Under observation or undiagnosed.....	.12	.....	.....	.78	.22	.....	.29	.....	.....	.....	.....
Total number of men examined from each State.....	16,291	106	3,894	10,287	35,839	6,774	13,653	1,909	4,504	5,982	20,936
Total number of men from each State rejected at mobilization camps.....	1,065	.....	158	743	3,336	224	1,219	94	47	534	1,333
Ratio per 1,000 of men rejected to total number examined from each State.....	65.37	.....	40.58	72.23	93.08	33.07	89.28	49.24	10.44	89.27	63.94

Examined by local and some by advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Idaho.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Montana.
1.23	0.38	0.30	0.19	.....	0.69	0.16	3.29	.....	0.60	0.83	0.40	0.68	0.28	1.27
.25	.04	.04	.....	.....	.13	.....	.90	.....	.13	.09	.....	.....	.....	.....
4.90	.87	.30	.24	.....	.88	2.43	1.20	0.10	1.06	.14	.04	.....	.04	.....
.....	.01	.....	.....	.....	.....	.....	.....	.....	.03	.64	.18	1.02	.20	4.58
.....	.....	.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.04	.....
1.23	.10	.13	.10	.....	.25	.08	.90	.....	.63	.12	.11	.....	.....	1.36
.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.07	.....	.11	.....	.08
.....	.01	.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.06	.....	.....	.....	.....	.08	.....	.....	.03	.07	.....	.11	.....	.....
.....	.11	.21	.15	0.10	.25	.63	.....	.....	.07	.17	.15	.34	.....	.34
.....	.10	.04	.....	.....	.06	.16	.....	.....	.07	.05	.....	.11	.....	.....
.....	.38	.26	.19	.10	.19	.16	.30	.10	.13	.05	.11	.....	.....	.25
.....	.....	.09	.05	.10	.13	.16	.30	.....	.10	.05	.04	.45	.04	.....
4,078	70,459	23,444	20,584	9,970	15,875	12,752	3,344	9,897	30,181	42,212	27,560	8,827	25,172	11,780
283	2,419	838	833	388	888	842	323	72	2,542	3,410	757	693	1,082	887
69.40	34.33	35.74	40.47	38.92	55.94	66.03	96.59	7.27	84.23	80.78	27.47	78.51	42.98	75.30

TABLE VI.—Men rejected at mobilization camps, with defects as listed, after having been examined from each State, by States, covering approximately 1917

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Delaware.	Nebraska.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
XVII. Malformation, and unspecified diseases:											
Defective physical development	0.37	1.39	0.87	0.52	3.17	0.53	1.19	.....	0.24	0.15	1.1
Deficient vision	.....	.....	.....	.....	.....	.01	.....	.....	.02	.....	.....
Deficient hearing	.....	.....	.....	.03	.....	.11	.13	0.15	.11	.....	.....
Overweight	.27	7.62	2.19	1.18	.70	1.41	.46	.15	.91	.30	.....
Underweight	.....	.....	.....	.....	.....	.01	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....
.....	.09	.....	.....	.23	.35	.16	.07	.15	.13	.30	.3
.....	.....	.....	.....	.03	.....	.03	.07	.....	.....	.....	.....
..... post operative	.....	.....	.....	.....	.....	.....	.....	.....	.....	.05	.....
..... other	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10	.....
..... or other recent	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bullet or other recent wound	.....	.....	.....	.07	.....	.06	.40	.15	.09	.10	.2
Ill-defined diseases	.....	.....	.....	.03	.....	.11	.07	.....	.09	.10	.....
Disease or defect not specified	.09	.69	.....	.07	.70	.07	.13	.....	.11	.....	.....
Under observation or undiagnosed	.18	.....	.....	.10	.....	.11	.....	.15	.04	.10	.....
Total number of men examined from each State	10,930	1,443	2,288	30,531	2,838	89,339	15,170	6,621	53,817	19,864	3,900
Total number of men from each State rejected at mobilization camps	343	113	199	1,412	126	4,726	1,339	206	1,904	676	151
Ratio per 1,000 of men rejected to total number examined from each State	31.38	78.31	86.98	46.25	44.40	52.90	88.27	31.11	35.38	34.03	38.46

by local and some by advisory boards, for the period from June, 1917, to May, 1918. Total number of men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

		Sou.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not spec- ified.	Total.
0.06	1.01	1.10	.....	0.95	0.47	1.29	1.44	0.11	1.26	0.08	0.43	1.55	0.94	0.63
.01	.51	.10	.....	.20	.14	.....	.48	.05	.07	.....	.05	.....	.02	.02
.20	2.78	.20	.....	3.06	.59	4.30	1.44	.....	5.18	.08	.64	1.55	1.68	1.67
.01	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.01
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.00
.05	.25	.60	.....	.....	.36	1.72	.48	.....	.89	.....	.11	1.04	.39	.27
.....	.....	.30	.....	.....	.....	.43	.....	.....	.22	.....	.....	.....	.06	.03
.....	.....	.....	.....	.....	.03	.....	.....	.....	.07	.....	.....	.....	.01	.01
.....	.....	.10	.....	.....	.08	.....	.....	.....	.....	.....	.....	.....	.02	.02
.05	.....	.60	.....	.14	.08	.21	.....	.16	.30	.08	.11	.....	.24	.16
.03	.51	.30	.....	.....	.03	.21	.....	.16	.07	.....	.11	.....	.03	.11
.....	.....	.10	.....	.....	.....	.21	.....	.....	.07	.....	.....	.52	.13	.12
.04	.25	.10	.....	.07	.08	.....	.....	.05	.07	.....	.05	.....	.15	.09
78,706	3,958	10,025	4,013	14,691	35,852	4,652	2,079	18,600	13,523	12,613	18,610	1,932	101,901	994,206
1,336	350	897	90	417	1,068	353	169	378	940	260	925	118	9,353	52,918
16.97	88.43	89.48	22.43	28.38	29.79	75.88	81.29	20.32	69.51	20.61	49.70	61.08	91.79	53.23

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TABLE VI.—*Men rejected at mobilization camps with defects as listed, after having been 1918, by States, covering approximately the*

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Nebraska.	Nevada.	New Hamp- shire.	New Jersey.	New Mexico.	New York.	North Caro- lina.	North Dakota.	Ohio.	Oklahoma.	Oregon.
XVII. Malformation, and ill-de- fined diseases:											
Defective physical de- velopment.....	0.37	1.39	0.87	0.52	3.17	0.53	1.19	.....	0.24	0.15	1.03
Deficient chest meas- urement.....	.....	.....	.....	.....	.....	.01	.....	.....	.02	.....	.....
Overweight.....	.....	.....	.....	.03	.....	.11	.13	0.15	.11	.....	.....
Underweight.....	.27	7.62	2.19	1.18	.70	1.41	.46	.15	.91	.30	3.06
Malnutrition.....	.....	.....	.....	.....	.....	.01	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monorchism.....	.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....
Cryptorchidism.....	.09	.....	.....	.23	.35	.16	.07	.15	.13	.30	.2
Hypospadia.....	.....	.....	.....	.03	.....	.03	.07	.....	.....	.....	.....
Fistula, post operative	.....	.....	.....	.....	.....	.....	.....	.....	.....	.05	.....
Fistula, other.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10	.....
Bullet or other recent wound.....	.....	.....	.....	.07	.....	.06	.40	.15	.09	.10	.2
Ill-defined diseases....	.....	.....	.....	.03	.....	.11	.07	.....	.09	.10	.....
Disease or defect not specified.....	.09	.69	.....	.07	.70	.07	.13	.....	.11	.....	.....
Under observation or undiagnosed.....	.18	.....	.....	.10	.....	.11	.....	.15	.04	.10	.....
Total number of men examined from each State.....	10,930	1,443	2,288	30,531	2,838	89,339	15,170	6,621	53,817	19,864	3,906
Total number of men from each State rejected at mobilization camps.....	343	113	199	1,412	126	4,726	1,339	206	1,904	676	156
Ratio per 1,000 of men rejected to total number examined from each State.....	31.38	78.31	86.98	46.25	44.40	52.90	88.27	31.11	35.38	34.03	39.6



examined by local and some by advisory boards, for the period from June, 1917, to May, first one million men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Pennsylvania.	Rhode Island.	South Carolina.	South Dakota.	Tennessee.	Texas.	Utah.	Vermont.	Virginia.	Washington.	West Virginia.	Wisconsin.	Wyoming.	State not specified.	Total.
0.06	1.01	1.10	.....	0.95	0.47	1.29	1.44	0.11	1.26	0.08	0.43	1.55	0.94	0.63
.01	.51	.10	.....	.20	.14	.....	.48	.05	.07	.....	.05	.....	.02	.02
.20	2.78	.20	.....	3.06	.59	4.30	1.44	.....	5.18	.08	.64	1.55	1.68	1.67
.01	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.01
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.00
.05	.25	.60	.....	.....	.36	1.72	.48	.....	.89	.....	.11	1.04	.39	.27
.....	.....	.30	.....	.....	.....	.43	.....	.....	.22	.....	.....	.....	.06	.03
.....	.....	.....	.....	.....	.03	.....	.....	.....	.07	.....	.....	.....	.01	.01
.....	.....	.10	.....	.....	.08	.....	.....	.....	.....	.....	.....	.....	.02	.02
.05	.....	.60	.....	.14	.08	.21	.....	.16	.30	.08	.11	.....	.24	.16
.03	.51	.30	.....	.....	.03	.21	.....	.16	.07	.....	.11	.....	.03	.11
.....	.....	.10	.....	.....	.....	.21	.....	.....	.07	.....	.....	.52	.13	.12
.04	.25	.10	.....	.07	.08	.....	.....	.05	.07	.....	.05	.....	.15	.09
78,706	3,958	10,025	4,013	14,691	35,852	4,652	2,079	18,600	13,523	12,613	18,610	1,932	101,901	994,206
1,336	350	897	90	417	1,068	353	169	378	940	260	925	118	9,353	52,918
16.97	88.43	89.48	22.43	28.38	29.79	75.88	81.29	20.32	69.51	20.61	49.70	61.08	91.79	53.23

TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been  
States, covering approximately the first  
[Absolute numbers.]

Disease or defect.	Ala- bama.		Ari- zona.		Arkan- sas.		Califor- nia.		Colo- rado.		Connect- icut.		Dela- ware.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
I. Infectious diseases.....							4		10		1			
II. Tuberculosis, pulmonary.....	94	4	31	4	218	4	243	4	47	13	62	7	6	
Tuberculosis, all others.....	5		1		1	1	19		1		3		1	
III. Venereal diseases:														
Chancroid.....	71					1	1							
Gonococcus infection.....	7		2		2		60	1	3		18			
Syphilis, all.....	14		10	1	35	2	48	1	7		27		2	
IV. General diseases:														
Tumors, benign.....														
Carcinoma.....														
Obesity.....							3							
Cretinism.....														
Goiter, simple.....	1		1		2		11				3			
Exophthalmic goiter.....			3				14		3	2	1			
Diabetes mellitus.....	1													
Alcoholism, chronic.....											5		1	
Drug addiction.....			1			1	18		2		5			
Arthritis.....	18	2	2		8		27		3		6			
Poisoning, chronic.....														
Other general diseases.....	1		2		1	1	21				1			
V. Nervous diseases:														
Speech, defective.....	1						11							
Neurasthenia.....	2				1		3				4	1		
Neuritis.....	1						1				1			
Ataxia, hereditary.....														
Multiple sclerosis.....					1		3		1				1	
Paralysis of muscle.....							6				2			
Paralysis of nerve.....					1	1	2						1	
Epilepsy.....	13	1	2		32	1	20	1	5	1	28		2	
Jacksonian epilepsy.....	2													
Hysteria.....		1			1		5						1	
Tabes dorsalis.....	4						2							
Other diseases of the nervous system.....	11				6	1	11			1	4			
VI. Mental diseases:														
Mental deficiency.....	97	7	2		36	3	52		7	1	34	3	1	
Dementia praecox.....	10		2		6		6		1		4			1
Constitutional psychopathic states.....	15	1	1				15		9		5		1	
Psychasthenia.....					1		1				1			
Psychoneuroses.....	6				4		6		1		1			
Psychoses, alcoholic.....							2						1	
General paralysis of insane.....									1		1			
Psychoses, other.....	16		2		4		8	1	1		2			
VII. Diseases of the eye:														
Defective vision.....		7	9		41	9	426	15		1	195	6	4	1
Strabismus.....	1		1		2		17				1		1	
Myopia.....		2			5		1				13	1	1	
Hyperopia.....	3	1			1									
Astigmatism.....	4		1		2						5		1	
Leucoma.....	2										1			
Cataract.....	3				2		1			1				
Conjunctivitis, other.....														
Conjunctivitis, granular.....	1		2		2		11	1						
Pterygium.....							1							
Choroiditis.....	1													
Ampliyopia.....	1						1				3			
Color blindness.....							2							
Glaucoma.....											1			
Keratitis.....	2													
Nystagmus.....							2							
Eye, enucleation of.....														
Other diseases of the eye.....			1	1	4		7				2			
VIII. Diseases of the ear:														
Defective hearing.....	2	2			1	1	18				9	2	2	
Otitis media.....	12	5	8		5	1	132	2	7	1	25	5	3	1
Perforated ear drum.....							21							
Otitis external.....														
Other diseases of the ear.....	4						6							

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 257

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp.

[Absolute numbers.]

District of Columbia.		Florida.		Georgia.		Idaho.		Illinois.		Indiana.		Iowa.		Kansas.		Kentucky.		Louisiana.		Maine.		Maryland.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
3	1	44	2	107	16	18	1	149	25	64	8	86	5	47	17	110	10	108	7	24	2	3	1
		2		2				9	3	3		4		4		10		1		1			
1		4		3		1		21	1	4		4				2		1				2	
		30		13	5	3		66	3	64		6		16		44	1	38	2	10		2	
								1											1				
		1				1		3	1														
		1						13		5		9		3	1	3		1		1			
		1		5	1	4	1	19	5	7	2	10	1	8	1	6		2					
1								2	1												1	1	
		4	1			1		5	2	1		2	1	4		2	1	2	1	1		1	
		2		10	5	4		7	1			38		3		5		5		3			
								18		2										1			
		3		2	4			8	1	3	1	3		3	2	4	1			1			
		1		1	1	1		4	1	4						3					2		
		1						7				9		1		1	1						
				1				1				3								1			
		1		2	1			1		1												1	
		1		1				6	1			6		1				2					
1		10		12	2	2		1				1		1				5				1	
								40	4	15		20		5	1	11		65	5	7			
				2				4	1			5	1			1		1		2			
		1		1								2		1		4		1					
		2		5	2	1	1	7	1	5	2	6		8		6	2	7	3	1			
		35		21	3	7		58	6	15	1	82	1	12	5	29	1	56	3	13	1	4	
		1		15		1		10		3		11		1				4				1	
1		1		6	1			7		2		7		5	1		2			1			
		1						1		2						1		1					
		5		3	2			7	5	2		1		7		2		4					
		3		1				2															
		2						3		1		2		3									
								6				4		1	1	1		4					
		45	2	92	19	31	1	305	27	71	12	61	4	20	9	69	6	74		25		10	2
		2				2		1		7		1				1	1						
		1						11	2	18	1	3				13	1	3		2		2	1
		1						3		4	2					6	1	4					
		1						5		1		1			1	1		4		1			
				3				2		2	1			1		2							
		2						5	1	2		1				2		1					
		2				2		57	7	32	1	1		3		76	2		1				
		1						3								1							
3		2						1		4		1		1				3					
								5		6		2				5							
		1																					
		1						1				1					1						
		2		1	1			1		1							1	1					
1		20		3		1		8	1	6	2	5		2		8	1	4	1			2	
		7	1	9	3	1		15	1	8		6		1		10		5		8			
		15		9	2	9		125	7	23	3	26		9	4	25	3	8	4	7		5	1
					1	3		4	1	2													
		1		3						1													

TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been States, covering approximately the first

(Absolute numbers.)

Disease or defect.	Massachusetts.		Michigan.		Ohio.		New York.		Pennsylvania.		Virginia.	
	Local board.		Local board.		Advisory board.		Local board.		Advisory board.		Local board.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
I. Infectious diseases:												
II. Tuberculosis, pulmonary:	158	12	111	17	31	3	97	6	180	43	33	1
Tuberculosis, all other:	12		6	1	4		1		1	1	1	1
III. Venereal diseases:												
Chancroid:	1		1				1					
Gonococcus infection:	33		16		6		7	1	9	2	6	
Syphilis, all:	73		64	2	10	1	12	1	78	3	16	16
IV. General diseases:												
Tumors, benign:			2				2		1			
Carcinoma:					1							
Obesity:												
Cretinism:	1											
Goiter, simple:	2		15		17		1		5		13	2
Exophthalmic goiter:	2		34	7	5		2		10	2	6	3
Diabetes mellitus:												
Alcoholism, chronic:	18		3				1		2			
Drug addiction:	5		3		6	1	1		8	1		2
Arthritis:	9	2	7	3	16	1	5	1	5		4	1
Poisoning, chronic:					1						1	
Other general diseases:	4		2	1	3		2	1	3		5	2
V. Nervous diseases:												
Speech, defective:	3		3				1		2	1	3	1
Neurasthenia:	6	2	3		2		2		2			1
Neuritis:	4		6		1							
Ataxia, hereditary:												
Multiple sclerosis:			3	1	2	2	1					1
Paralysis of muscle:	4		2			1	1					
Paralysis of nerve:												
Epilepsy:	51	1	26	3	9		17		17	3	4	5
Jacksonian epilepsy:				1								
Hysteria:	2		1				1		2	1		1
Tabs dorsalis:			7				1		1	1	2	1
Other diseases of the nervous system:	14	1	6	1	3		5	1	9	1	4	
VI. Mental diseases:												
Mental deficiency:	53	3	150	5	28	2	59	4	65	16	18	20
Dementia præcox:	12		14		7	2	5		8	2		3
Constitutional psychopathic states:	6		4	3	6	1	4		12	3	1	4
Psychasthenia:	5									1		
Psychoneuroses:			3	2	3		3		8	5	3	1
Psychoses, alcoholic:									1			
General paralysis of insane:	1		1						4			
Psychoses, other:	6		10	2	3		1		2		2	1
VII. Diseases of the eye:												
Defective vision:	300	14	272	13	90	6	86	4	54	17	102	5
Strabismus:	5		10		2						4	
Myopia:	20		62	11	2		3		3	1		1
Hyperopia:	3	1	8	3	2		1		1			
Astigmatism:	18	1	31	1	2		2		2		1	
Leucoma:			1									
Cataract:	1		11	1			4		2			2
Conjunctivitis, other:												
Conjunctivitis, granular:	2		6						23		3	
Pterygium:	1										1	
Choroiditis:			3	1	1		1		2			
Amblyopia:	1		21	1	2		2		5	2		
Color blindness:				1								
Glaucoma:												
Keratitis:			1						1			1
Nystagmus:			3		1		2		1		1	
Eye, enucleation of:			1			1						
Other diseases of the eye:	2		15		7		4		8	2		1
VIII. Diseases of the ear:												
Defective hearing:	24		14		4		4		9	1	5	1
Otitis media:	47	2	118	8	28		22	5	35	3	25	2
Perforated ear drum:			3		1				1		5	1
Otitis, external:									1			
Other diseases of the ear:	2		1	1							5	

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

			1			2				2				1		1
						1	2			3				2		
			2			17	2	5	5	23	2	1		2	1	
1		7	1			24	2	12	4	■	3	3	11	1		
						1	4	2	1	2	1			1	2	
1	1	2	1			50	11	1				9	1	2	1	
3	1	5	■			20	2	3	1	20	■	1		7	2	
1		2	1	1		9	1	8		10	3		1	8		
		2				7		1	1	4			1	2		
						7	1	3		9				2	1	
						4		1	1	2	■					
						2		2		1		1	1	2		
		2				2		4	1	2		1				
		2				2		1		30				1		
1	5	28	3			79	6	22	2	25	2	9	4	20	1	3
		1				1	2	1		3		4	1	1		
			1			2				4		2	1	2	3	
		4	1			20	2	5	2	12	3	4	1	1	2	2
	10	40	1	■		108	7	161	4	50	10	23	1	3	41	3
	1	1				16	3	5	1	19		6	1		13	1
1		2	1			17	1	2	1	6	2	1	1		6	1
		1				2		1		2					1	
						6	1	7	1	2	1	4		2	1	
		2				2	2			2	1					
		1				1				2		1				
		2	1			15	2	6		15	1	3		1	5	
11	19	2	117	8	7	836	33	74	27	178	■	36	12	13	5	179
			3			11	3	14	1	6		5	1			2
	2		21	1		82	10		1	15			1			12
			4			7	3	4		1						6
			5			26	4	2	3	2		2				8
						1				1		1				3
			4			7		3	1	4		2				8
1		8	3	1		20	2	16	3	4		12				1
								2								
		11				4	1	2		2						
	1	3		1		10	6	5	1	4		3	1		15	1
						1										
								3		2		1				
		6				8	2	8	1	6		13			10	
	2	18				26	2	12		14		5			8	1
5	2	77	2	2		315	10	17	8	60	9	28	2	4	1	38
1	1	3				3	1					1	1			1
						1		1								
		1				1				2					1	1

TABLE VII.—Men rejected at mobilisation camps with defects as listed, after having been States, covering approximately the first

[Absolute numbers.]

I. Infectious diseases.....	4		1		1		2		
II. Tuberculosis, pulmonary.....	80	2	16	3	8	10	158	7	17
III. Tuberculosis, all other.....	7	1	1				6		1
III. Venereal diseases:									
Chancroid.....	6		1		1				
Gonococcus infection.....	11				2		14		1
Syphilis, all.....	40				7	2	66		4
IV. General diseases:									
Tumors, benign.....							1		
Carcinoma.....									
Obesity.....							1		
Cretinism.....									
Goiter, simple.....	3				1	1	1		4
Exophthalmic goiter.....	3		2		1	2	2		3
Diabetes mellitus.....									
Alcoholism, chronic.....							1		
Drug addiction.....	2	1			3		5		2
Arthritis.....	6				1		7		5
Poisoning, chronic.....									
Other general diseases.....	4				1		5		2
V. Nervous diseases:									
Speech, defective.....	4								1
Neurasthenia.....							2		1
Neuritis.....							1		
Ataxia, hereditary.....									
Multiple sclerosis.....									1
Paralysis of muscle.....	1				1		1		
Paralysis of nerve.....					1				
Epilepsy.....	11				7		17		
Jacksonian epilepsy.....							1		
Hysteria.....	4						5		
Tabes dorsalis.....					2				
Other diseases of the nervous system.....	3				4	1	13	1	1
VI. Mental diseases:									
Mental deficiency.....	90	1	7	1	39	1	21	1	3
Dementia præcox.....	7				2		7	1	1
Constitutional psychopathic states.....				1	3		3	1	2
Psychasthenia.....					1		4		
Psychoneuroses.....	6	1	1		3				
Psychoses, alcoholic.....									
General paralysis of insane.....						1			
Psychoses, other.....	2				1		10		1
VII. Diseases of the eye:									
Defective vision.....	48		6	3	26	10	55	3	33
Strabismus.....	3						6		
Myopia.....	2				1		8	2	
Hyperopia.....					2		3	1	
Astigmatism.....	2						1		
Leucoma.....							3		
Cataract.....	4				1		9		1
Conjunctivitis, other.....									
Conjunctivitis, granular.....	6				3		16		1
Pterygium.....	1						1		
Choroiditis.....	1						8		
Amblyopia.....	2						10	2	
Color blindness.....									
Glaucoma.....									
Keratitis.....	1								
Nystagmus.....							1		
Eye, enucleation of.....							1	1	
Other diseases of the eye.....	4		1		6	1	13		
VIII. Diseases of the ear:									
Defective hearing.....	5		1		1	2	11	1	4
Otitis media.....	5		2		3	2	25		18
Perforated ear drum.....	2				1		3		2
Otitis externa.....	1								
Other diseases of the ear.....	2						1		

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 261

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

Vermont.		Virginia.		Washing- ton.		West Virginia.		Wiscon- sin.		Wyo- ming.		States not specified.		Local boards, total.	Advi- sory boards, total.	Total.
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.			
11	2	51	4	2	4	20	2	28	11	11		12		69	3	72
1		2		2				3		2		374	8	4,166	353	4,519
												50		232	11	243
2	1	2		1	1	1		1				8		105	2	107
2		4		2	1	2		1				146		481	9	490
				13	1	3	1	6	1	1		275	2	1,457	41	1,498
								1				7		22	1	23
			1					2				6		2		2
														22	3	25
1														4		4
		1		33	1			4				43		260	6	266
				23		3		12	2	1		91	1	372	37	409
								1				7		14	1	15
1												11		63	7	70
		1		1	2	1		1		1		86		247	23	270
		4		4				5	2			131		430	19	449
														3		3
		2		2						1		24	1	165	16	181
				3		1		4				19		94	6	100
	1				1			2				26		98	7	105
					1			2				13		46	1	47
					1									2	1	3
		1		1		1						10		46	5	51
		1		1								10		60	2	62
		1		1								11		33	1	34
2		7	1	3		4		11	1			201	1	989	39	1,028
		1												5	1	6
		1						1				28		78	7	85
												5		49	3	52
1				2	2	1	1	9		1		69	1	270	33	303
1	1	12	1	11		9	2	64	5			533	2	2,220	113	2,333
		4		3		2		2	2			122	1	323	15	338
2		1		3		2		1				110	2	279	18	297
												10		36	1	37
				1								89	2	196	21	217
												1		11	3	14
												5		31	1	32
				2		1		2				73	1	216	10	226
13	3	42	4	93	1	34	1	96	8	20		1,027	13	5,493	319	5,812
		4		3		7		2	1			15		144	6	150
		11		2	1	5		16	4			64	1	412	43	455
1		1				2		6				23		97	13	110
2		1						6	1			21	2	167	11	178
							1					2		114	2	116
		4						7				9		98	3	101
		1				1						3	1	28	2	30
				3		2		1				52		371	15	396
								1				3		17		17
		3						1				5	1	60	4	64
		14		1		2	1	2	1			24	3	156	19	175
														2	1	3
														2		2
														10		10
						3						5		32	2	34
												2		4	2	6
		9		1		5		7		1		27		233	12	245
2		3		6				4		1		63		351	17	368
1		2		27	2	8	2	21	1	3		319		1,736	96	1,832
				3								15		77	5	82
														4		4
		1						1				9		43	2	45

## 262 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VII.—Men rejected at mobilisation camps with defects as listed, after having been States, covering approximately the first

(Absolute numbers.)

<b>IX. Diseases of the nose:</b>													
Nose, external deformity of									1				
Deviation of nasal septum													
Polypus, nasal													
Rhinitis, hypertrophic				2									
Sinusitis										1			
Other diseases of the nasal fossae	1				2			3				1	
<b>X. Diseases of the throat:</b>													
Tonsillitis hypertrophic								1					
Other diseases of the pharynx	1		1					1					
Other diseases of the larynx								1					
<b>XI. Circulatory system:</b>													
Endocarditis acute chronic	3		1	1	11	5	19					1	1
Valvular heart disease—													
Tricuspid lesions													
Mitral insufficiency	62	7	9	2	45	3	201	5	13			63	4
Mitral stenosis	37	1	9		5	1	34	1	19			19	1
Aortic insufficiency	2	1			8		5		3	1		2	1
Aortic stenosis	2				3		3			2		2	
Combined lesions, aortic and mitral													1
Pulmonic lesions													
Unclassified	6	3			3		8	1				7	1
Myocarditis													
Myocardial insufficiency													
Pericarditis													
Heart block													
Cardiac hypertrophy	3				6		4	1		1		11	2
Cardiac dilatation							1		1			2	
Cardiac arrhythmias							2					2	
Tachycardia	11	1			9		5					8	
Brady cardia													
Hemorrhoids	1		1				13					10	1
Varicose veins	6		1		5	1	44					13	
Varicocele	1				4		5					2	1
Other diseases of circulatory system	4	1	2		1		6	1	1			2	1
<b>XII. Respiratory system:</b>													
Asthma	19		3		13		25		6			14	2
Bronchitis	1	1			1		7		1			2	
Pleurisy fibrinous					1		1					1	
Other diseases of respiratory system	2		2		4		22	1	1			7	
<b>XIII. Digestive system.</b>													
Defective or deficient teeth	32	3	2	1	8	2	162	1	2	1		167	10
Dental caries							1						
Gastroptosis													
Gastro-enteroptosis													
Appendicitis												1	
Hernia	41	6	5		27	3	209	2	3	2		64	4
Intestinal obstruction													
Inguinal rings, enlargement of												1	1
Fistula in ano	2	1	1		11							1	
Other diseases of digestive system	3		1		1		12	2	1			9	1
<b>XIV. Genito-urinary system (nonvenereal):</b>													
Nephritis, acute and chronic					1		3					4	
Nephroptosis													
Hydrocele					1		3					4	
Other diseases of genito-urinary system (non-venereal)	6			1	1		13	1		1		11	



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 263

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

District of Columbia.		Florida.		Georgia.		Idaho.		Illinois.		Indiana.		Iowa.		Kansas.		Kentucky.		Louisiana.		Maine.		Maryland.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
										1													
										1													
		1		1				1		1		1		1		2							
								8		1				1						2			
										1		1				2							
				1				3		1													
								1		1													
		1		2		4		12		3	1	5		1				17	2	1			
				1				1															
5	3	24	1	87	5	21		91	12	45	2	60	6	28	1	32	2	34	3	13	2	1	
		18	1	20	3	5		40	5	10		31	1	30	4	6	3	12		2		1	
		3		9				14	2	2	1	4		5	1	3	1	5	1				
								5		3		1		2		2		5		1			
								2				1											
		2						16		5				1		2		8		4	1		
		1		22	2			8	2	2	1	2		1		3		4					
		1																					
				1																			
		4		3				10	3	2	4	3		3	1	5		4		3			
								1								1							
								3			1					1							
		6		4	3			12	3	5	1	6			2	3		7		1	1		
		2						9		4		1				4	1	1					
		2		6		4		29	1	9		4		4	3	5		2		9		1	
		1		1		1		10		6						1		2	1	1		1	
				7	1			6		2		3		1	1	3		3				1	
		12		5	1	1		26	5	7	2	13	2	5	1	7	1	36		2		1	
		6		8				4	1			1		6		1		2					
1						1		2				1											
		4	1	3	1	2		12				4		2	1	2				4			
4	1	27	2	146	36	14		128	4	37	5	6		2		52	1	38	1	44	1	7	
										1										1			
								1				1											
4				9	4	22	1	155	14	77	2	35	1	12	9	59	7	37	1	14		6	
2																							
		2	1	3	2			9		1		3								2			
		3	1	2		2		12	1	3		12	1	2		8	2	3		2			
		1	1		1	1		4		2		1				1		1					
		1						3		1										1		1	
		9		5	2	3		14	3	5	1	9	1	2		2		8		2			



*examined by local and advisory boards, for the period from June, 1917, to May, 1918, by  
1,000,000 men sent to camp—Continued.*

[Absolute numbers.]

## 266 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been  
States, covering approximately the first

[Absolute numbers.]

Disease or defect.	South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
<b>IX. Diseases of the nose:</b>										
Nose, external deformity of.....										
Deviation of nasal septum.....										
Polypus, nasal.....										
Rhinitis, hypertrophic.....										
Sinusitis.....			1							
Other diseases of the nasal fossæ.....	1						5			
<b>X. Diseases of the throat:</b>										
Tonsillitis hypertrophic.....							1			
Other diseases of the pharynx.....	1								1	
Other diseases of the larynx.....										
<b>XI. Circulatory system:</b>										
Endocarditis, acute chronic.....	1				2		1		4	
Valvular heart disease—										
Tricuspid lesions.....										
Mitral insufficiency.....	37		10	1	7	2	41	2	39	
Mitral stenosis.....	31		7	1	4		11	1	4	
Aortic insufficiency.....	6		2				5			
Aortic stenosis.....							1			
Combined lesions, aortic and mitral.....	1		1						1	
Pulmonic lesions.....							1			
Unclassified.....	1		1		4	1	1			
Myocarditis.....					2					
Myocardial insufficiency.....										
Pericarditis.....										
Heart block.....										
Cardiac hypertrophy.....	18				2		6			
Cardiac dilatation.....		1								
Cardiac arrhythmias.....							1			
Tachycardia.....	9		2	1			8	2		
Bradycardia.....							1			
Hemorrhoids.....	7						12			
Varicose veins.....	6				5		14		7	
Varicocele.....	2				2				3	
Other diseases of circulatory system.....	8				1		6		3	
<b>XII. Respiratory system:</b>										
Asthma.....	10		2		2	1	15		4	
Bronchitis.....			1		1		1			
Pleurisy fibrinous.....	1		1				1			
Other diseases of respiratory system.....	5			1			4		4	
<b>XIII. Digestive system:</b>										
Defective or deficient teeth.....	33		3		21	5	35	2	21	1
Dental caries.....										
Gastroptosis.....										
Gastro-enteroptosis.....										
Appendicitis.....	1									
Hernia.....	53		2	2	14	7	92	2	30	
Intestinal obstruction.....										
Inguinal rings, enlargement of.....	1						1			
Fistula in ano.....	8				1		9			
Other diseases of digestive system.....	5	1		1		2	7		1	
<b>XIV. Genito-urinary system (nonvenereal):</b>										
Nephritis, acute and chronic.....							3			
Nephroptosis.....										
Hydrocele.....	1						2			
Other diseases of genito-urinary system (nonvenereal).....	18	1			3		7		2	1

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 267

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

Vermont.		Virginia.		Washing- ton.		West Virginia.		Wiscon- sin.		Wyo- ming.		States not specified.		Local boards, total.	Advi- sory boards, total.	Total.
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.			
														1		1
												2		5		5
														1		1
														6		6
1				1				1				2		15	1	16
												10		56		56
1										1		2		16		16
1		1		1								7		26	1	27
														4		4
				7	1	2		2		1		73		277	15	292
								1						4		4
6	3	23	2	77	9	20	3	51	15	6		407	14	2,888	240	3,128
2		7	1	9	1	7		40	17	1		207	8	1,283	122	1,405
		3	1	5		1	1	3	1			59	1	278	35	313
								1		1		3	2	69	5	74
												4		31	1	32
														13	1	14
1			2	2								23		151	16	167
1		2		1		5		2		1		25	1	154	14	168
														3	1	4
		1										2		8		8
												1		6		6
1		2		2	1	1		3				36	1	264	16	280
												4	1	25	2	27
								1	1	1		2		29	5	34
1		3		1				2	1	1		33	1	248	26	274
														3		3
		4		3				2				20		157	2	159
1	1	2		10				7		1	1	80	1	497	20	526
2				1				4				20	1	113	3	116
				3		1	2	2		1		36		199	12	211
3		2	1	5	1	8	1	4				99		525	27	552
								3		2		29		119	9	128
								1				10		38	3	41
1		1		6				2		4		68	1	262	16	278
18	9	14		59	2	9		58	6	9		427	9	3,682	166	3,848
												1		7		7
												2		3		3
														4		4
10	2	17		77		2	1	1	9	6		6		20		20
								78				540	5	3,178	193	3,371
		1						1						2		2
		1										7		34	2	36
2			1									13		105	5	110
				6		1		5	1	1		65		285	25	310
1		1		4		1						15	1	75	6	81
												1		2		2
1	2			1				1				9		49	3	52
1		2		3	1			3		3		93	2	359	20	379

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TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been States, covering approximately the first

[Absolute numbers.]

<b>XV. Diseases of the skin:</b>										
Bromidrosis.....										
Raynaud's disease.....										
Cellulitis.....										
Keloid.....										
Large scar of face.....										
Abdominal scar.....						7			1	
Other diseases of the skin.....	16		1		4	1	20		1	12 2 3
<b>XVI. Bones and organs of locomotion:</b>										
Osteitis deformans.....										1
Ankylosis, bony, of joint.....	8		1		4		20		1	12
Ankylosis, fibrous, of joint.....	12	2			9		61	1	3	13 2
Bursitis.....							2			
Tenosynovitis.....							2			1
Relaxed ligaments of joint.....							2			
Joint, resection of.....										
Chronic dislocation (other than hand).....	2		1		2		6		1	4 1
Contracture of joint.....	2						2			
Contracture of muscle, fascia, tendon, sheath.....	3				3		1			
Bunion.....	4						8			3
Hammer toe.....	2		1		1		3			3
Overriding toes.....										
Ingrowing nail.....										1
Contracture of plantar fascia.....										
Pes cavus.....							4			
Pes planus.....	29	5	3		23		125	2	4	121 3 9
Pronated foot.....	23						2	1		
Loss of part of foot.....	8		1		2		15	1		4 2
Deformities of foot (cause or type not specified).....	1	1	1		2	1		1	1	4
Ganglion.....										
Depressed fracture of skull.....	3		2	1			6			2
Mallet fingers.....										
Dupuytren's contracture of palmar fascia.....										
Deformities of hand, result of old injury or infection.....	16				3		47		2	1
Loss of one or more fingers.....	11	1	1		5	1	23	1		11 1 1
Loss of part or whole of lower extremity.....	1					1				
Shortening of lower extremity.....	16		1		1		10			11 2
Loss of part or whole of upper extremity.....						1				
Malunion fracture of upper extremity.....	10				1		24	1	2	5
Malunion fracture of lower extremity.....	6		3		5	1	35			13 1 1
Malunion fracture other than extremity.....	1						2		1	2
Nonunion of fracture upper extremity.....	1						3			1
Nonunion of fracture lower extremity.....							1		3	
Recent operation wounds.....							2			1
Scar of head.....							1			
Curvature of spine.....	7	3			2		32	2	4	7 1
Hernia of muscle.....							1			
Other diseases of bones and organs of locomotion.....	22	1	2		9	1	55		1	22 4

*examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.*

[Absolute numbers.]

TABLE VII — Men rejected at mobilization camps with defects as listed, after having been States, covering approximately the first

[Absolute numbers.]

XVI. Bones and organs of locomotion:												
Osteitis deformans												1
Ankylosis, bony, of joint	9		17		7		4		1		8	
Ankylosis, fibrous, of joint	24	1	29	2	15		7		7		16	2
Bursitis	1		1									
Tenosynovitis			1									
Relaxed ligaments of joint	1		5									1
Joint, resection of												
Chronic dislocation (other than hand)	10		9		2		2		3		1	1
Contracture of joint			2				1				1	
Contracture of muscle, fascia, tendon, sheath	1	1	1		2							1
Bunion	7	1	9	2	1	1	1				1	
Hammer toe	5		5	2	1				2			
Overriding toes												
Ingrowing nail	1										1	
Contracture of planter fascia												
Pes cavus	2		3	4					2		1	
Pes planus	178	9	145	17	27		10		15	2	28	3
Pronated foot	5	1	6				2					
Loss of part of foot	1	1	6		2		1		2	1	6	1
Deformities of foot (cause or type not specified)	7		13	1	3		3		3	1	11	1
Ganglion												
Depressed fracture of skull	5		4		3		1				2	
Mallet fingers												
Dupuytren's contracture of palmar fascia	1											
Deformities of hand, result of old injury or infection	11		20	1	3		3		2	1	21	2
Loss of one or more fingers	20	1	19		11		5	1	4	2	3	1
Loss of part or whole of lower extremity	2		3									
Shortening of lower extremity	16	2	14	1	10		2		4			1
Loss of part or whole of upper extremity	1		1									
Malunion fracture of upper extremity	17	1	36		2		4		6		3	3
Malunion fracture of lower extremity	23		39	2	16	1	10		9		24	1
Malunion fracture other than extremity									3		1	1
Nonunion of fracture, upper extremity			1	1								
Nonunion of fracture, lower extremity	1		3									
Recent operation wounds	1		1		1		1		1		3	
Scar of head												
Curvature of spine	19	2	13		3	1	3		6		6	3
Hernia of muscle			1									
Other diseases of bones and organs of locomotion	2		37	3	16	2	9		13	1	13	1



## PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 271

*examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.*

[Absolute numbers.]

Nevada.	New Hampshire.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Oregon.	Pennsylvania.	Rhode Island.
Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.	Local board. Advisory board.
1 1 1 2	2 3 1	3 5 3 6	2 1 1 1	5 27 1 14 30 1 1 1	28 8 25 2	2 1 1	21 3 25 33 1 1	1 10 1 14 1 2	1 1 3	7 1 1 7 23	1 1 4 4 1 1
2		3		4 2	9	2	1 3	4 2	1	2 1	2 1
1		1 4 1	1	1 9 9	9 5 3	1 2	1 6	1		2 1	1 1
1 6	24 1 2	87 3 4	1 1	1 217 5 9	2 10 1 5	5	9 122 2 8	3 20 2	8	2 56 6 3	28 1
1	1	4 3	1 1	19 14	2 2	9 1 1	11 3	6 2		2 4	1
4 2	1 5	6 11		20 25	6 3	1 1	10 28	4 12	2 1	3 14	2 3
2	3	6		25	8	1	17	5	3	9	3
1		9	2	22	10	1	17	1	4	5	3
	6	11		43	1	20	35	3	11	12	2
			1	7	2			1	1	3	
					1		1				
1 1	5	5	1	18 1	4	16	18	2	1	18	1
2	3	13	1	72	5	37	4	38	2	30	2

TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been States, covering approximately the first

[Absolute numbers.]

Disease or defect.									
<b>XV. Diseases of the skin</b>									
Bromidrosis									
Raynaud's disease									
Cellulitis									
Keloid	1								
Large scar of face									
Abdominal scar	2					1		2	
Other diseases of the skin	17			3	1	15	1	3	
<b>XVI. Bones and organs of locomotion:</b>									
Osteitis deformans									
Ankylosis, bony, of joint	4					7		3	
Ankylosis, fibrous, of joint	11			5		13	1	10	
Bursitis								1	
Tenosynovitis									
Relaxed ligaments of joint				1		3		1	
Joint, resection of									
Chronic dislocation (other than hand)	5					4			
Contracture of joint				2		2		1	
Contracture of muscle, fascia, tendon, sheath	2							1	
Bunion	3			1	1	2			
Hammer toe						3			
Over riding toes									
Ingrowing nail									
Contracture of plantar fascia									
Pes cavus	2					1			
Pes planus	34	2		18	2	21		13	
Promoted foot		1		23	2				
Loss of part of foot	2			1		2		2	
Deformities of foot (cause or type not specified)	3		1	4	1	4		5	
Ganglion						1			
Depressed fracture of skull	2					1		3	
Mallet fingers									
Dupuytren's contracture of palmar fascia									
Deformities of hand, result of old injury or infection	4			3		3	1	3	
Loss of one or more fingers	5			3	1	6		2	
Loss of part or whole of lower extremity									
Shortening of lower extremity	10		1	3		11	1	3	
Loss of part or whole of upper extremity						1			
Malunion fracture of upper extremity	5			2	1	4		5	
Malunion fracture of lower extremity	9			5	1	13		7	
Malunion fracture other than extremity				1				1	
Nonunion of fracture, upper extremity									
Nonunion of fracture, lower extremity						1			
Recent operation wounds	1								
Scar of head									
Curvature of spine	7		1	4		6		2	
Hernia of muscle									
Other diseases of bones and organs of locomotion	23			15	3	25	1	10	



274 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been States, covering approximately the first

[Absolute numbers.]

Disease or defect.	Ala- bama.		Ari- zona.		Arkan- sas.		Califor- nia.		Colo- rado.		Conneo- ticut.		Del- ware.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
XVII. Malformation, and ill-defined diseases:														
Defective physical develop- ment.....	14	6	1		2		82	1			8	2	1	
Deficient chest measurement.....							10		1		1			
Overweight.....		1					4				2			
Underweight.....	53	17	1		14	1	372	3	1		14	1	3	
Malnutrition.....														
Anorchism.....							1							
Monorchism.....	1													
Cryptorchidism.....					1		53	1	1		10	1		
Hypospadia.....							2							
Fistula, postoperative.....							1							
Fistula, other.....	1													
Bullet or other recent wound.....	7				3		11		2	1	3			
Ill-defined diseases.....	1				1		20				4			
Disease or defect not speci- fied.....	4				1		13		1		2			
Under observation or undi- agnosed.....	2				8		8				4			
Total number of men re- jected at mobilization camps.....	967	98	146	12	604	49	3,281	55	193	31	1,162	57	84	10

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

District of Columbia.		Florida.		Georgia.		Idaho.		Illinois.		Indiana.		Iowa.		Kansas.		Kentucky.		Louisiana.		Maine.		Maryland.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
1	.....	10	1	26	11	5	.....	26	1	7	.....	4	.....	.....	.....	11	.....	2	.....	11	.....	.....	.....
5	.....	4	1	17	4	1	.....	1	2	1	.....	5	.....	.....	.....	1	1	.....	.....	3	.....	.....	.....
.....	.....	.....	.....	186	76	20	.....	49	12	6	1	5	.....	.....	.....	14	.....	30	4	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	1	.....	5	.....	7	.....	2	1	1	1	.....	.....	2	2	.....	1	3	.....	.....	.....
.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
1	.....	1	.....	33	.....	.....	.....	4	.....	5	.....	3	.....	.....	1	4	.....	1	3	.....	.....	.....	.....
.....	.....	.....	.....	4	.....	.....	.....	25	2	6	.....	4	.....	.....	1	3	.....	2	.....	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	1	.....	1	1	2	.....	1	.....	.....	.....
42	5518	161,138	260	279	42,210	209	774	64800	33	311	77	815	73	800	42	310	13	67	5	.....	.....	.....	.....

TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been  
States, covering approximately the first

[Absolute numbers.]

Disease or defect.	Massachusetts.		Michigan.		Minnesota.		Mississippi.		Missouri.		Montana.		Nebraska.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
<b>XVII. Malformation, and ill-defined diseases:</b>														
Defective physical development.....	16	2	35	.....	11	.....	6	.....	3	4	14	1	4	.....
Deficient chest measurement.....			4	.....		.....		.....						.....
Overweight.....	3	1	6	.....	1	.....		.....	1					.....
Underweight.....	31	1	26	1	5	.....	9	.....	3	2	54		1	.....
Malnutrition.....	1													
Anorchism.....									1					
Monorchism.....														
Cryptorchism.....	19		5	.....	3	.....		.....			16		1	.....
Hypospadias.....			3	.....		.....	1	.....			1			.....
Fistula, post operative.....														
Fistula, other.....	1		3	.....		.....	1	.....						
Bullet or other recent wound.....	2		7	.....	3	1	3	.....			4			.....
Ill-defined diseases.....	2		2	.....		.....	1	.....						.....
Disease or defect not specified.....	4		2	.....	3	.....		.....			3		1	.....
Under observation or undiagnosed.....	3		2	.....	1	.....	4	.....	1				2	.....
Total number of men rejected at mobilization camp.....	2,482	110	3,105	306	717	40	650	43	917	165	854	33	313	29

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 277

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

Ne- vada.		New Hamp- shire.		New Jersey.		New Mexico.		New York.		North Caro- lina.		North Dakota.		Ohio.		Okla- homa.		Ore- gon.		Penn- syl- vania.		Rhode Is- land.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
2		2		15	1	9		43	4	18				9	4	3		4		5		4	
					1			1						1									
11		4	1	33	3	2		121	5	7		1		29	20	4	2	12		13	3	9	1
								1												1			
								3															
				7		1		12	2	1		1		7		6		1		4		1	
				1				3		1													
																1							
				2				5		6		1		5		2		1		4			
				1				7	3	1				5		1	1			1	1	2	
1				2		2		5	1	2				5	1								
				8				9	1				1	2		2				3		1	
112	1	187	12	1,343	69	120	6	4,424	302	1,315	24	187	19	1,759	145	625	51	137	13	1,237	99	333	17

TABLE VII.—Men rejected at mobilization camps with defects as listed, after having been examined in the various States, covering approximately the first year of the war.

[Absolute numbers.]

Disease or defect.	South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
<b>XVII. Malformation, and ill-defined diseases:</b>										
Defective physical development.....	11	.....	.....	.....	10	4	17	.....	6	.....
Deficient chest measurement.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Overweight.....	1	.....	.....	.....	2	1	5	.....	.....	.....
Underweight.....	2	.....	.....	.....	34	11	20	1	20	.....
Malnutrition.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cryptorchidism.....	6	.....	.....	.....	.....	.....	13	.....	6	.....
Hypospadias.....	3	.....	.....	.....	.....	.....	.....	.....	1	1
Fistula, post operative.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Fistula, other.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....
Bullet or other recent wound.....	6	.....	.....	.....	2	.....	3	.....	1	.....
Ill-defined diseases.....	3	.....	.....	.....	.....	.....	1	.....	1	.....
Disease or defect not specified.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....
Under observation or undiagnosed.....	1	.....	.....	.....	1	.....	3	.....	.....	.....
Total number of men rejected at mobilization camps.....	884	13	75	15	337	80	1,032	36	348	5



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 279

examined by local and advisory boards, for the period from June, 1917, to May, 1918, by 1,000,000 men sent to camp—Continued.

[Absolute numbers.]

Vermont.		Virginia.		Washing- ton.		West Virginia.		Wiscon- sin		Wyo- ming.		States not specified.		Local boards, total.	Advi- sory boards, total.	Total.
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.			
3		2		15	2	1		8		3		94	2	584	46	630
				1				1				2		22		22
	1		1			1						5	1	74	17	91
3				69	1	1		12		3		167	4	1,487	173	1,660
												1		6		6
												1		4		4
												1		5		5
1				12				2		2		40		257	8	265
				3								6		27	1	28
				1								1		7		7
												2		23		23
		3		4		1		2				23	1	151	4	155
		3			1			2				3		107	7	114
				1						1		13		114	5	119
		1		1				1				15		86	3	89
137	32	354	24	900	40	237	23	814	111	117	1	9,239	114	49,826	3,092	52,918

## 280 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having  
1918, by States, covering approximately

[Ratios per 1,000 men examined from each State.]

Tuberculosis, all other.	.32		.27		.10	2.63	.55		.16		.23
III. Venereal diseases.											
Chancroid.	4.55					2.63	.03				
Gonococcus infection.	.45		.54		.20		1.72	1.00	.48		1.40
Syphilis, all.	.90		2.09	5.68		5.20	1.38	1.00	1.11		2.10
IV. General diseases:											
Tumors, benign.											
Carcinoma.											
Obesity.							.09				
(retinism.											
Goiter, simple.	.06		.27		.20		.32				.23
Exophthalmic goiter.			.81				.40		.48	4.35	.06
Diabetes mellitus.	.06										
Alcoholism, chronic.											.39
Drug addiction.			.27			2.63	.52		.32		.39
Arthritis.	1.15	2.93	.54		.81		.77		.48		.47
Poisoning, chronic.											
Other general diseases.	.06		.54		.10	2.63	.00				.08
V. Nervous diseases:											
Speech, defective.	.06						.32				
Neurasthenia.	.13				.10		.09				.31
Neuritis.	.06						.03				.06
Ataxia, hereditary.											
Multiple sclerosis.					.10		.09		.16		
Paralysis of muscle.							.17				.16
Paralysis of nerve.					.10	2.63	.06				
Epilepsy.	.83	1.47	.54		3.23	2.63	.57	1.00	.79	2.17	2.18
Jacksonian epilepsy.	.13										
Hysteria.		1.47			.10		.14				
Tabes dorsalis.	.26						.06				
Other diseases of the nervous system.	.70				.61	2.63				2.17	.31
VI. Mental diseases:											
Mental deficiency.	6.21	10.20	.54		3.62	7.89	1.49		1.11	2.17	2.64
Dementia praecox.	.64		.54		.61		.17		.16		.31
Constitutional psychopathic states.	.96	1.47	.27				.43		1.43		.39
Psychasthenia.					.10		.06				.06
Psychoneuroses.	.38				.40		.17		.16		.06
Psychoses, alcoholic.							.06				
General paralysis of insane.											
Psychoses, other.	1.02		.54		.40		.23	1.00	.16		.16
VII. Diseases of the eye.											
Defective vision.		10.20	2.42		4.14	23.68	12.23	15.03		2.17	15.16
Strabismus.	.06		.27		.20		.40				.06
Myopia.		2.93			.50		.03				1.01
Hyperopia.	.19	1.47			.10						1.27
Astigmatism.	.26		.27		.20						.39
Leucoma.	.13										.06
Cataract.	.19				.20		.03			2.17	
Conjunctivitis, other.											
Conjunctivitis, granular.	.06		.54		.20		.32	1.00			
Pterygium.							.10				
Choroiditis.	.06						.10				.23
Amblyopia.	.06						.10				.06
Color blindness.							.06				
Glaucoma.											.06
Keratitis.	.13						.06				
Nystagmus.							.06				
Eye enucleation.											
Other diseases of the eye.			.27	5.68	.40						.16
VIII. Diseases of the ear:											
Defective hearing.	.13	2.93			.10	2.63	.10				.70
Otitis media.	.83	7.33	2.15		.50	2.63	3.79	2.00	1.11	2.17	1.94
Perforated ear drum.							.60				
Otitis external.											
Other diseases of the ear.	.20						.17				

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 281

been examined by local and advisory boards, for the period from June, 1917, to May, the first 1,000,000 men sent to camp.

[Ratios per 1,000 men examined from each State.]

Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.		Illinois.		Indiana.		Iowa.		Kansas.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
3.40		0.09	6.41	0.52		1.55	0.26	0.02		0.05		0.05		0.11			
.57				7.58		12.40	4.61	2.26	5.50	2.90	6.13	4.47	3.68	5.09	22.29		
				.84		.10		.14	.66	.14		.21		.43			
								.02									
1.13		.23		.69		.15	.26	.32	.22	.18		.21					
				5.17		.66	3.88	1.00	.66	2.90		.31		1.73			
				.17				.05	.22								
				.17				.20									
	6.94			.17		.25	.78	.29	1.10	.32	1.53	.52	.74	.87	1.37		
.57		.23						.03	.22								
				.69	5.65			.08	.44	.05							
				.34		.51	3.88	.11	.22			.10	.74	.45			
								.27		.09		1.98		.32			
				.52		.10	3.10	.12	.22	.14	.77	.16		.32	2.74		
				.17		.05	.78	.06	.22	.18							
				.17				.11				.47		.11			
						.05		.02				.16					
.57				.17		.10	.78	.02		.05							
.57				.17		.05		.09	.22			.31		.11			
1.13		.23						.02				.05		.11			
.57				1.72		.61	1.55	.61	.88	.68		1.04		.54	1.37		
.57						.10		.06	.22			.26	.74				
				.17		.05						.10		.11			
				.34		.25	1.55	.11	.22	.23	1.53	.31		.32			
.57				6.03		1.07	2.33	.88	1.32	.68	.77	4.27	.74	1.30	6.85		
	6.94			.17		.76	.26	.15		.14		.57		.11			
.57		.23		.17		.31	.78	.11		.09		.36		.54	1.37		
				.17				.02		.09							
.57				.86		.15	1.55	.11	1.10	.09		.05		.76			
								.03									
				.52		.05		.05		.05		.10		.32			
				.34		.78		.09				.21		.11	1.37		
2.27	6.94			7.75	11.30	4.63	14.73	4.63	5.95	3.21	9.19	3.17	2.94	2.16	12.33		
.57				.34			.51	.02		.32		.05					
.57				.17				.17	.44	.81	.77	.16					
				.17				.05		.18	1.53						
.57				.17				.06		.05		.05			1.37		
						.15		.03		.09	.77			.11			
				.34				.06	.22	.09		.05					
				.34			.51	.86	1.54	1.45	.77	.05		.32			
				.17				.05									
								.02		.18		.05		.11			
		.69		.34				.06		.27		.10					
				.17				.02				.05					
				.34		.05	.78	.02		.05							
		.23		3.45		.15		.12	.22	.27	1.53	.26		.22			
1.13				1.21	5.65	.46	2.33	.23	.22	.36		.31		.11			
1.70	6.94			2.58		.46	1.55	1.90	1.54	1.04	2.30	1.35		.97	5.48		
							.78	.06	.22	.09							
				.17		.15				.05							



# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 283

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Michigan.															
Local board.	Advisory board.														
0.08		0.04		0.12		0.09		0.06		0.01		0.05			
2.81	6.13	1.20	1.82	11.46	16.45	7.68	24.86	2.96	1.61	3.85	9.40	1.43		4.82	9.96
.15	.38	.15		.12		.04	.58	.63	1.61	.10					
.08						.04				.10					
.41		.23		.53	2.75	.38	1.15	.54				.72		.96	
1.62	.72	.39	.61	1.42	2.75	8.22	1.73	1.43		1.64	1.88	1.43		.48	
.05				.24		.04									
		.04													
.38		.66		.12		.21		1.16		.19					
.88	2.82	.19		.24		.43	1.16	.54	4.82	.29		.72			
									.19						
.08		.23	.61	.12	2.75	.09				.19					
.08		.23	.61	.12		.34	.58			.19		.72		.48	
.18	1.08	.62	.61	.59	2.75	.21		.36	1.61			2.15		.48	
		.04						.09							
.23	.36	.12		.24	2.75	.13		.45				.72			
.20				.12		.09	.58	.27	1.61						
.08		.08		.12		.09				.10					
.15		.04													
.20	.36	.08	1.22	.12						.10					
.06			.61	.12		.04		.09							
						.09				.10					
.66	1.08	.35		2.01		.73	1.73	.36		.48		.72		1.40	
	.88														
.03					2.75	.09	.58			.10					
.18				.12		.04	.58	.18		.10					
.15	.36	.12		.59	2.75	.38	.58	.36							
1.30	1.80	1.08	1.22	6.97	10.99	2.77	9.25	1.61		1.92	1.88			4.81	
.35		.27	1.22	.59		.13	1.16			.29				.48	
.10	1.08		.61	.47		.61	1.73	.09		.38		.72			
						.68									
.08	.72	.12		.35		.34	2.89	.27		.19					
						.04									
.03						.17									
.25	.72	.12		.12		.09		.18		.10					
.90	4.68	3.47	3.65	10.16	10.99	2.30	9.83	9.14	3.04	2.60	5.64	7.89		9.13	9.96
.25		.08						.26		.10					
.57	3.96	.08		.24		.13	.58			.10				.96	
.20	1.08	.08		.12		.04									
.79	.36	.08		.24		.09									
.08															
.28	.36			.47						.19					
.15						.96		.27				.72			
								.99							
.08	.36	.04		.12		.09									
.53	.36	.08		.24		.21	1.16							.48	
	.36														
.03						.04				.10					
.08		.04				.04		.09							
.03		.61													
.38		.27		.47		.13	1.16			.10					
.35		.15		.47		.38	.58	.45		.10				.96	
.99	2.88	1.08		2.80	12.74	1.49	1.73	2.61	3.23	1.15	3.76	3.58			4.83
.08		.04				.04		.45		.10	1.68	.72		.48	
						.04									
.03	.36							.45							

# 284 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having  
1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.									
I. Infectious diseases.....	0.14				0.01			0.14	
II. Tuberculosis, pulmonary.....	1.84	4.98	10.92	21.98	2.27	6.47	10.93	4.5	
Tuberculosis, all others.....	.07	.91	.36		.23	.16	.54		
III. Venereal diseases:									
Chancroid.....					.02		.07		
Gonococcus infection.....	.36		1.46		.32	.16	.41		
Syphilis, all.....	.38	.91	1.09		1.05	.32	2.31		
IV. General diseases:									
Tumors, benign.....	.04				.02				
Carcinoma.....						.16	.14		
Obesity.....									
Cretinism.....									
Goiter, simple.....					.20	.32	.34		
Exophthalmic goiter.....	.26		.36		.29		.81		
Diabetes mellitus.....					.01				
Alcoholism, chronic.....	.11				.05	.33	.07		
Drug addiction.....	.07		.36		.60	1.78	.07		
Arthritis.....	.18		.36		.24	.33	.20		
Poisoning, chronic.....									
Other general diseases.....	.07	.45	.36		.11	.16	.54		
V. Nervous diseases:									
Speech, defective.....	.11				.08		.07		
Neurasthenia.....					.08	.16	.20		
Neuritis.....					.05		.07		
Ataxia hereditary.....							.07		
Multiple sclerosis.....					.02		.14		
Paralysis of muscle.....	.07				.02		.27		
Paralysis of nerve.....					.02		.07		
Epilepsy.....	.90		1.09		.95	.97	1.49	4.5	
Jacksonian epilepsy.....									
Hysteria.....	.04				.01	.32	.07		
Tabes dorsalis.....			.36		.02				
Other diseases of the nervous system.....	.14	.45			.24	.32	.34		
VI. Mental diseases:									
Mental deficiency.....	1.41	.45	4.00		1.24	1.13	10.98	9.13	
Dementia præcox.....	.04					.48	.34	2.26	
Constitutional psychopathic states.....	.07		.36		.20	.16	.14		
Psychasthenia.....	.04				.02		.07		
Psychoneuroses.....					.07	.16	.48		
Psychoses, alcoholic.....	.07				.02	.32			
General paralysis of insane.....					.01				
Psychoses, other.....	.07		.36		.18	.32	.41		
VII. Diseases of the eye:									
Defective vision.....	4.13	3.62	2.55	10.90		3.24	5.08		
Strabismus.....	.11				.13	.48	.86		
Myopia.....	.74	.45			.99	1.62		2.26	
Hyperopia.....	.14				.08	.48	.27		
Astigmatism.....	.21				.31	.65	.14		
Leucoma.....					.01				
Cataract.....					.08		.20		
Conjunctivitis, other.....	.14						.20		
Conjunctivitis, granular.....	.11		1.09	10.90	.24		1.09		
Pterygium.....							.14		
Choroiditis.....					.05	.16	.14		
Amblyopia.....	.11			10.90	.12	.97	.24		
Color blindness.....									
Glaucoma.....					.01				
Keratitis.....									
Nystagmus.....							.20		
Eye enucleation.....									
Other diseases of the eye.....	.21				.10	.32	.54	2.26	
VIII. Diseases of the ear:									
Defective hearing.....	.64				.31		.81		
Otitis, media.....	2.72	.91	.73		3.79		1.15		
Perforated ear drum.....	.11				.04	.16			
Otitis, external.....					.01		.97		
Other diseases of the ear.....	.04				.01				

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[ Ratios per 1,000 men examined from each State.]

										Rhode Island.		South Carolina.		South Dakota.	
										Advisory board.		Local board.		Advisory board.	
1.16		0.06		0.05		7.24	2.52	6.21	1.16	0.32	0.26	0.41		0.27	
.33		1.64	2.26	2.80			.56		2.37	6.66	11.36	8.72	18.63		11.63
		.12		.11					.08	.26		.71	6.21	.27	
		.04		.06					.01			.61		.27	
.66		.25		.11					.07	1.94	2.84	1.12			
.17		1.77	1.97	2.18	2.07	.26			.32	4.99	4.06				
		.04							.01	.26					
		.06							.03						
.83		.45		.11		.26			.03			.20			
.66		.43	1.18			.84			.15	.32		.80		.58	
		.04	.20						.01	.55					
				.48	1.03	.56			.01	.26		.20	6.21		
.17				.16		.26			.09	.56		.61			
		.19		.16				2.11	.11			.41			
.17		.06				.26			.03			.41			
.17		.18							.03	.26					
.17		.04		.11											
		.03				.26			.03						
.17		.03		.05								.10			
.17		.04		.06											
.66	1.73	.66	.79	.48		1.12			.01	.26	.32	1.93			
				.21		.26			.01			.41			
	1.73	.06		.11	1.03				.03	.65	.80				
.23		.23	1.18	.21	1.03	.26	3.11	.03	.03			.30			
2.65	3.45	.97	3.94	1.75	1.03	.84		.54	.97	5.27	5.66	9.12	6.21	1.26	
.17		.19		.32	1.03			.17	.32			.71			
.17			.79	.06	1.03			.06	.26						3.88
		.04						.01							
.17		.04	.30	.21		.84		.03	.52			.61	6.21	.27	
		.30													
		.04		.06					.26						
	1.73	.20	.30	.16		.26		.07				.20			
4.47	3.45	3.47	3.55	1.90	1.11	3.68	15.53	2.35	5.52	3.60	2.84	4.87			11.63
.17		.12		.26	1.03			.03				.51			
.33		.20				.26		.16	.97	1.39		.20			
		.02			1.03			.06		.26					
.50		.04		.11				.11	.32	.55		.20			
		.30		.05				.04							
.17		.06		.11				.11		.26		.41			
		.02						.01							
.50		.06		.63					.56			.61			
		.04		.11				.01				.10			
.17		.06		.16	1.03			.04	.32			.10			
								.20	.32			.20			
										.26		.10			
		.04						.01							
.33		.12		.60				.12				.41		.27	
.33		.27		.26				.11	.32	.55		.51		.27	
	1.17	3.55		1.48	2.07	1.12	3.11	.60	.66	.83	2.84	.51		.63	
				.06	1.03			.01				.20			
												.10			
		.04						.01	.32	.26		.20			

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

(Ratios per 1,000 men examined from each State.)

							Vermont.		Virginia.	
							Local board.	Advisory	Local board.	Advisory board.
I. Infectious diseases.....	0.87		0.06							
II. Tuberculosis, pulmonary.....	.56	11.49	4.82	7.82	3.78	12.08	5.89	8.30	2.82	7.67
Tuberculosis, all others.....			.17		.23		.64		.11	
III. Venereal diseases:										
Chancroid.....	.07									
Gonococcus infection.....	.14		.40		.23		1.00	4.15	.11	
Syphilis, all.....	.51	2.30	1.89		.89		1.00		.22	
IV. General diseases:										
Tumors, benign.....										
Carcinoma.....										
Obesity.....			.08						1.86	
Cretinism.....										
Goiter, simple.....	.07	1.15	.08		.89		.54			
Exophthalmic goiter.....	.07	2.80	.06		.67				.06	
Diabetes mellitus.....										
Alcoholism, chronic.....			.08				.54			
Drug addiction.....	.23		.14		.44				.06	
Arthritis.....	.07		.30		1.11				.22	
Poisoning, chronic.....										
Other general diseases.....			.14		.44				.11	
V. Nervous diseases:										
Speech defective.....					.22					
Neurasthenia.....			.06		.23			4.15		
Neuritis.....			.08							
Ataxia, hereditary.....										
Multiple sclerosis.....					.23				.06	
Paralysis of muscle.....	.07		.03						.06	
Paralysis of nerve.....	.07								.06	
Epilepsy.....	.51		.49				1.00		.30	1.34
Jacksonian epilepsy.....			.03						.06	
Hysteria.....			.14						.06	
Tabes dorsalis.....	.14									
Other diseases of the nervous system.....	.20	1.15	.37	1.12	.22		.54			
VI. Mental diseases:										
Mental deficiency.....	.10	1.15	.00	1.12	.44		.54	4.15	.62	1.86
Dementia praecox.....	.14		.20	1.12	.38				.22	
Constitutional psychopathic states.....	.22		.06	1.12	.44		1.00		.06	
Psychasthenia.....	.07		.11							
Psychoneuroses.....	.22									
Psychoses, alcoholic.....										
General paralysis of insane.....		1.15								
Psychoses, other.....	.07		.20		.22					
VII. Diseases of the eye:										
Defective vision.....	.10	11.49	1.57	3.35	7.34		9.79	12.45	2.33	7.47
Strabismus.....			.17						.22	
Myopia.....	.07		.23	2.23					.61	
Hyperopia.....	.14		.08	1.12			.54		.06	
Astigmatism.....			.09				1.00		.06	
Leucoma.....			.09							
Cataract.....	.07		.20		.22				.06	
Conjunctivitis, other.....										
Conjunctivitis, granular.....			.46		.22					
Pterygium.....			.08							
Choroiditis.....			.23						.17	
Amblyopia.....			.20	2.23					.78	
Color blindness.....										
Glaucoma.....										
Keratitis.....										
Nystagmus.....			.08							
Eye enucleation.....			.08	1.12						
Other diseases of the eye.....	.43	1.15	.37							
VIII. Diseases of the ear:										
Defective hearing.....	.07	2.30	.31	1.12	.89		1.00		.17	
Otitis media.....	.23	2.30	.72		4.01		.54		.11	
Perforated eardrum.....	.07		.09		.44					
Otitis, external.....										
Other diseases of the ear.....			.03							



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 287

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Washington.		West Virginia.		Wisconsin.		Wyoming.		State not specified.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
0.16				0.12				0.12	
4.73	3.83	2.40	3.84	1.64	7.12	6.25		.72	4.82
.16				.18		1.14		8.59	
.08	.96	.08						.08	
.16		.17		.06				1.46	
1.04	.96	.25	1.92	.35	.65	.57		2.74	1.20
				.06				.07	
				.12				.05	
2.64	.96			.23				.43	
1.84		.25		.70	1.29	.57		.91	.60
				.06				.07	
.08	1.92	.08		.06		.57		.11	
.32				.29	1.29			.86	
								1.31	
.16						.57		.24	.60
.24		.08		.23				.19	
	.96			.12				.26	
	.96			.12				.13	
	.96								
.08			1.92					.10	
								.10	
.08								.11	
.24		.33		.64	.65			2.90	.60
				.06				.28	
								.06	
.16	1.92	.08	1.92	.53		.57		.69	.60
.88		.74	3.84	3.75	3.24			5.32	1.20
.24		.17		.12	1.29			1.22	.60
.24		.17		.06				1.10	1.20
.08								.10	
								.89	1.20
								.01	
.16		.08		.12				.06	
								.73	.60
7.45	.96	2.81	1.92	5.63	5.18	11.37		10.25	7.83
.24		.58		.12	.65			.15	
.16	.96	.41		.94	2.59			.64	.60
		.17		.35				.23	
				.35	.65			.21	1.20
			1.92					.02	
				.41				.09	
		.08						.03	.60
.24		.17		.06				.52	
				.06				.03	
				.06				.06	.60
.08		.17	1.92	.12	.65			.24	1.81
		.25						.06	
								.02	
.08		.41		.41		.57		.27	
.48				.23		.57		.63	
2.16	1.92	.66	3.84	1.23	.65	1.71		3.18	
.24								.15	
				.06				.09	



*men examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.*

[Ratios per 1,000 men examined from each State.]

290 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
IX. Diseases of the nose:										
Nose, external deformity of.....										
Deviation of nasal septum.....										
Polypus, nasal.....										
Rhinitis, hypertrophic.....										
Sinusitis.....	0.18									
Other diseases of the nasal fossae.....	.07				0.65				0.11	
X. Diseases of the throat:										
Tonsillitis, hypertrophic.....									.08	
Other diseases of the phar- ynx.....	.13									
Other diseases of the larynx.....										
XI. Circulatory system:										
Endocarditis, acute, chronic.....			1.37	5.21	.32				.18	
Valvular heart disease—										
Tricuspid lesions.....										
Mitral insufficiency.....	2.10	3.23	2.75	7.81	4.20	8.09	0.11		2.50	5.43
Mitral stenosis.....	.30	4.85	.97		.65		.11		.74	1.53
Aortic insufficiency.....	.20	1.62	.40	2.00					.21	1.22
Aortic stenosis.....	.13		.40		.32				.07	
Combined lesions, aortic and mitral.....									.11	
Pulmonic lesions.....									.03	
Unclassified.....	.13		.24		1.20	4.05			.25	
Myocarditis.....	.20		.32						.08	
Myocardial insufficiency.....										
Pericarditis.....										
Heart block.....										
Cardiac hypertrophy.....	.33		.32		.97				.56	
Cardiac dilatation.....	.07								.11	
Cardiac arrhythmias.....	.07								.11	
Tachycardia.....	.20		.57		.32	4.05			.49	.61
Bradycardia.....			.08							
Hemorrhoids.....	.26	1.62	.41		.32				.26	
Varicose veins.....	.33		.16		2.91		.11		1.05	1.22
Varicocele.....	.07		.16	2.00	.32		.11		.30	
Other diseases of circulatory system.....	.20		.24				.11		.25	
XII. Respiratory system:										
Asthma.....	.46	1.62	2.91		.65		.11		.98	1.83
Bronchitis.....	.30		.08		.65				.25	1.22
Pleurisy, fibrinous.....									.08	
Other diseases of respiratory system.....	.13				1.20				.25	
XIII. Digestive system:										
Defective or deficient teeth.....	3.41	1.62	3.07	2.00	14.21	4.05	.74		15.87	7.31
Dental caries.....										
Gastropnoia.....					.32					
Gastroenteroptosis.....									.08	
Appendicitis.....									.11	
Hernia.....	3.87	11.31	2.90	2.00	4.52		.63		5.04	4.27
Intestinal obstruction.....										
Inguinal rings, enlargement of.....									.07	
Fistula in ano.....					.65				.18	
Other diseases of the diges- tive system.....	.52	3.23	.24		.65				.56	

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 291

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Michigan.		Minnesota.		Mississippi.		Missouri.		Montana.		Nebraska.		Nevada.		New Hampshire.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
0.95															
.93															
.95															
		0.04													
.08		.08													
						0.04				0.10					
				0.12		.04				.10					
.03															
.20		.08		.59	5.49	.13		0.45		.10	1.88	0.72		0.48	
.08															
8.75	12.97	2.16	5.47	5.90	12.74	3.33	3.09	6.09	4.82	3.56	11.28	5.73		6.25	
7.33	18.74	1.04		3.90	2.75	2.82	1.73	.81	1.61	2.69	1.88			.48	
.58	3.96	.15		.24		.60		.36	1.61	.58				.48	4.83
.08		.08		.35				.18							
.03	.36			.12		.04									
	.36			.24				.09							
.05		.15		.24		.17		.27		.19					14.49
.23	.72	.08		.47		.09			3.22						
	.36							.09							
.03						.04									
.38		.23		.95		.30				.19		1.43		1.44	
.03		.04				.04									
	1.08	.04		.12		.04	.58							.96	
.56	.36	.12		1.18	2.75	.30		.27		.38				.48	
				.12											
.25		.08						.36							
.43	.72	.54	.61	.83	5.49	.17	.58	1.34		.10		.72		1.92	
.18		.04		.59				.09							
.28		.04		.24	2.75	.04		.45				.72			
.68	.36	.19		.48		.38	1.16	.63		.38	1.88			.96	
.28				.12		.04	.58	.18							
.15				.24	2.75	.04									
.23	.36	.15		.35		.21		.99	3.22	.38		2.15		.48	
6.80	7.93	2.08	1.22	2.48		.18		6.36	3.22	.48	3.76	3.58		12.97	
.03						.04									
.03		.04													
.03				.12		.04									
7.86	12.61	1.58	.61	2.01	8.24	.64	5.78	7.98		.96	1.88	10.04		4.32	
.03	.36									.10					
.06	.36	.04				.13		.09		.10					
.28	1.44	.15		.24		.21		.18		.19		.72			

## 292 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	New Jersey.		New Mexico.		New York.		North Carolina.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
<b>IX. Diseases of the nose:</b>								
Nose, external deformity of.....								
Deviation of nasal septum.....								
Polypus, nasal.....								
Rhinitis, hypertrophic.....					0.01			
Sinusitis.....	0.04							
Other diseases of the nasal fossæ.....					.01			
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.....					.01		0.07	
Other diseases of the pharynx.....	.04				.01			
Other diseases of the larynx.....								
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.....	.14				.37	.32	.07	
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....	1.91	2.27	1.82		1.48	2.26	3.53	4.51
Mitral stenosis.....	.56	.45	2.91	10.99	.46	.16	2.31	4.51
Aortic insufficiency.....	.32	.91	.36		.23	.32	.61	
Aortic stenosis.....	.45		.36		.05		.14	
Combined lesions, aortic and mitral..	.07				.02			
Pulmonic lesions.....	.07				.04			
Unclassified.....	.25				.22	1.13	.14	
Myocarditis.....	.04	.45			.24		.14	
Myocardial insufficiency.....	.04							
Pericarditis.....					.06			
Heart block.....								
Cardiac hypertrophy.....	.42	.45			.24		.68	2.25
Cardiac dilatation.....					.11			
Cardiac arrhythmias.....	.04				.05			
Tachycardia.....	.11				.14	.32	.34	
Bradycardia.....								
Hemorrhoids.....			.36		.16		.27	
Varicose veins.....	.35	.45	.73		.59	.65	.61	
Varicocele.....					.07	.16	.27	
Other diseases of circulatory system.....	.28	.91			.37	.16	.48	
<b>XII. Respiratory system:</b>								
Asthma.....	.32				.34	.48	1.15	
Bronchitis.....	.07	.45			.05		.14	
Pleurisy fibrinous.....	.04				.05	.16		
Other diseases of respiratory system.....	.14				.17	.48	.61	
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.....	14.40	2.27	.36		7.06	1.46	3.26	6.55
Dental caries.....					.02			
Gastroptosis.....								
Gastroenteroptosis.....								
Appendicitis.....					.01			
Hernia.....	2.05	4.53	.36		4.45	3.72	2.99	
Intestinal obstruction.....								
Inguinal rings, enlargement.....	.11				.08	.16	.07	
Fistula in ano.....	.07				.10		.20	
Other diseases of digestive system.....	.18		.36		.36	.32	.61	2.25

*been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.*

[Ratios per 1,000 men examined from each State.]

## 294 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

(Ratios per 1,000 men examined from each State.)

Disease or defect.	Tennessee.		Texas.		Utah.	Vermont.	Virginia.	
	Local board.	Advisory board.	Local board.	Advisory board.			Local board.	Advisory board.
<b>IX. Diseases of the nose:</b>								
Nose, external deformity of.								
Deviation of nasal septum.								
Polypus, nasal.								
Rhinitis, hypertrophic.								
Sinusitis.								
Other diseases of the nasal fossae.			0.14			0.54		
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.			.05			.54		
Other diseases of the pharynx.					0.22		0.06	
Other diseases of the larynx.								
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.	0.14		.06		.80			
Valvular heart disease—								
Tricuspid lesions.								
Mitral insufficiency.	.51	2.30	1.17	2.28	8.06		2.26	12.45
Mitral stenosis.	.20		.31	1.12	.80		1.00	.30
Aortic insufficiency.			.14					.17
Aortic stenosis.			.06					1.8
Combined lesions, aortic and mitral.					.28			
Pulmonic lesions.			.06					
Unclassified.	.20	1.15	.06			.54		1.7
Myocarditis.	.14					.54		.11
Myocardial insufficiency.								.06
Pericarditis.								
Heart block.								
Cardiac hypertrophy.	.14		.17			.54		.11
Cardiac dilatation.								
Cardiac arrhythmias.			.08					
Tachycardia.			.09	2.28		.54		.17
Bradycardia.			.08					
Hemorrhoids.			.34					.22
Varicose veins.	.26		.40		1.66	.54	4.15	.11
Varicocele.	.14				.67	1.00		
Other diseases of circulatory system.	.07		.17		.01			
<b>XII. Respiratory system:</b>								
Asthma.	.14	1.15	.48		.80	1.02	.11	1.8
Bronchitis.	.07		.08					
Pleurisy, fibrinous.			.03					
Other diseases of respiratory system.			.11		.80	.54	.06	
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.	1.18	5.75	1.90	2.23	8.07	6.28	9.79	27.34
Dental caries.								
Gastroptosis.								
Gastro-enteroptosis.								
Appendicitis.								
Hernia.	1.01	8.05	2.63	2.28	6.68	5.44	8.20	.94
Intestinal obstruction.								
Inguinal rings, enlargement of.			.03					.06
Fistula in ano.	.07		.20					.06
Other diseases of digestive system.		2.30	.20		.22	1.00		1.8



# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 295

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

(Ratios per 1,000 men examined from each State.)

								0.02	
								.02	
0.08				0.08				.02	
.08						0.57		.02	
								.07	
.08	0.96	0.17		.12		.57		.73	
6.17	8.42	2.40	5.76	2.99	9.71	3.41		4.06	8.43
.72	.96	.59		2.34	11.00	.57		2.06	4.82
.40		.06		.18	.65				.80
		.06		.06		.57			1.20
								.04	
.16								.28	
.08		.41		.12		.57		.25	.69
								.02	
.16	.96	.06		.18				.01	
				.06	.65	.57		.86	.60
.06				.12	.65	.57		.04	.69
.24				.23				.02	.60
.80				.41		.57	5.78	.33	
.08				.29				.20	.60
.24		.06	3.84	.12		.57		.20	
.40	.96	.66	1.92	.23				.36	
				.16		1.14		.99	
				.06				.29	
.48				.12		2.37		.10	
4.73	1.92	.74		.40	3.83	5.12		.60	.60
								.26	5.43
								.01	
								4.02	
6.17		.17	1.92	.06				5.06	
				4.87	5.63	3.41		.39	3.01
				.06				.07	
								.13	
.48		.06		.29	.65	.57		.65	

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

chronic.....				9.10		0.09			0.31
Nephropoia.....				10		.00			.31
Hydrocele.....									
Other diseases of gen- ito-urinary system (nonvenereal).....	0.38		5.68	.10		.52	1.80	2.17	.85
XV. Diseases of the skin:									
Bromidrosis.....									
Raynaud's disease.....									
Cellulitis.....									
Keloid.....									
Large scar of face.....						.30			.08
Abdominal scar.....									
Other diseases of the skin.....	1.02	0.27		.40	2.08	.83	0.16		.98 2.54
XVI. Bones and organs of loco- motion:									
Osteitis deformans.....									.08
Ankylosis, bony, of joint.....	.51			.40		.88	.16		.98
Ankylosis, fibrous, of joint.....	.77	2.08		.91		1.00	.48		1.01
Bursitis.....						.00			
Tenosynovitis.....									
Relaxed ligaments of joint.....						.00			.08
Joint, resection of.....									
Chronic dislocation (other than hand).....	.13	.27		.30		.17	.16		.31
Contracture of joint.....	.13					.00			
Contracture of muscle, fascia, tendon, sheath.....	.19			.30		.08			
Bunion.....	.30					.28			.31
Hammer toe.....	.19	.27		.16		.09			.31
Overriding toes.....									
Ingrowing nail.....									
Contraction of plantar fascia.....									
Pes cavus.....						.11			
Pes planus.....	1.86	11.78	.81	2.32		3.59	2.00	.63	9.40 1.81
Pronated foot.....	1.47								.16 1.27
Loss of part of foot.....	.51	.27		.20		.43	.16		.31 2.54
Deformities of foot (cause or type not specified).....	.56	1.47	.37	.20	2.08		1.00	.16	.31
Ganglion.....									
Depressed fracture of skull.....	.19	.54	5.68			.17			.16
Mallet fingers.....									
Dupuytren's contrac- ture of palmar fascia.....									
Deformities of hand, result of old injury or infection.....	.96			.30		1.35	.33		.63
Loss of one or more fingers.....	.70	1.47	.27	.50	2.08	.66	1.00		.85 1.27
Loss of part or whole of lower extremity.....	.06					.08			
Shortening of lower extremity.....	1.02	.27		.10		.20			.85 2.54
Loss of part or whole of upper extremity.....					2.08				
Malunion fracture of upper extremity.....	.64			.16		.69	1.00	.33	.30

**PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 297**

*been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.*

[Ratios per 1,000 men examined from each State.]

298 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Kentucky.		Louisiana.		Maine.		Maryland.		Massachu- setts.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
XIV. Genito-urinary system (nonvenereal):										
Nephritis, acute and chronic.	0.07	.....	.....	2.00	.....	.....	.....	.....	0.25	.....
Nephroptosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrocele.....	.....	.....	.....	.....	0.32	.....	0.11	.....	.11	.....
Other diseases of genito-urinary system (nonvenereal).....	.13	.....	0.65	.....	.65	.....	.....	.....	.56	.....
XV. Diseases of the skin:										
Bromidrosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raynaud's disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cellulitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Keloid.....	.....	.....	.....	.....	.....	.....	.11	.....	.....	.....
Large scar of face.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Abdominal scar.....	.07	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other diseases of the skin....	.93	1.62	.81	.....	1.61	.....	.11	.....	.67	1.22
XVI. Bones and organs of locomotion:										
Osteitis deformans.....	.07	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ankylosis, bony, of joint....	.13	.....	.65	2.00	.....	.....	.....	.....	.32	.....
Ankylosis, fibrous, of joint..	.53	3.23	.89	2.00	2.26	.....	.....	.....	.84	.61
Bursitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.....
Tenosynovitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Relaxed ligaments of joint....	.....	.....	.08	.....	.....	.....	.....	.....	.03	.....
Joint, resection of.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chronic dislocation (other than hand).....	.20	.....	.40	.....	.....	.....	.....	.....	.35	.....
Contracture of joint.....	.....	.....	.08	.....	.32	.....	.....	.....	.....	.....
Contracture of muscle, fascia, tendon, sheath.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.61
Bunion.....	.....	.....	.08	.....	.32	.....	.....	.....	.25	.61
Hammer toe.....	.13	.....	.08	.....	.....	.....	.....	.....	.18	.....
Overriding toes.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ingrowing nail.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.....
Contraction of plantar fascia.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pes cavus.....	.07	.....	.....	.....	.....	.....	.....	.....	.07	.....
Pes planus.....	1.57	8.08	1.78	.....	6.78	.....	.32	.....	6.24	5.49
Pronated foot.....	.....	.....	.....	.....	.32	.....	.....	.....	.18	.61
Loss of part of foot.....	.....	.....	.24	.....	.....	4.05	.....	.....	.03	.61
Deformities of foot (cause or type not specified).....	.13	.....	.16	.....	.....	.....	.....	.....	.25	.....
Ganglion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Depressed fracture of skull..	.07	.....	.08	.....	.....	.....	.....	.....	.18	.....
Mallet fingers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dupuytren's contracture of palmar fascia.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.....
Deformities of hand, result of old injury or infection..	.33	1.62	.40	.....	.97	.....	.....	.....	.39	.....
Loss of one or more fingers..	.13	3.23	.32	.....	.65	4.05	.21	.....	.70	.61
Loss of part or whole of lower extremity.....	.....	.....	.....	.....	.....	.....	.....	.....	.07	.....
Shortening of lower extremity.....	.33	1.62	.16	.....	.....	.....	2.59	.....	.56	1.22
Loss of part or whole of upper extremity.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.....
Malunion fracture of upper extremity.....	.26	.....	.16	2.60	.....	.....	.....	.....	.60	.61

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

.10						.04		.09						
.25		.19				.38	.58	.38		.10		1.42		1.44
.03														
.05		.04												
.54	1.06	.87		0.12		.09	.58	.09		.19		.72		.96
.48		.27		.47		.04		.72		.10		.72	20.83	1.44
.74	.72	.86		.83		.30		1.48		.19		1.83	1.43	4.83
.03														
.03														
.13								1.61						
.06				.24		.13		.09		.10		1.44		
.06				.13				.09						
.28	.72	.04	.61	.12						.10				
.13	.72	.04				.09						.72		
								.09						
.20	1.44	1.04		1.18		.04	1.16	.09		.72		4.80		11.83
3.68	6.13			.34		.09	.58	.45		.10				.48
.15		.08		.12		.09								.96
.23	.26	.13		.35		.13	.58	.09	1.61	.10		.72		.48
.10		.12		.12				.16						
.51	.39	.12		.09		.09	.02	1.88		.19	1.88	2.87		.48
.48		.42		.59	2.76		1.16	.72	1.61			1.43		2.40
.08														4.83
.35	.26	.30		.24	.17					.10		1.43		1.44
.08														
.91		.08		.47		.26		.72		.19		.72		

300 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	New Jersey.		New Mex- ico.		New York.		North Carolina.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
XIV. Genito-urinary system (nonvenereal):								
Nephritis, acute and chronic.....	0.04				0.12		0.07	
Nephroptosis.....	.04							
Hydrocele.....	.04				.07	0.16	.07	
Other diseases of genito-urinary system (nonvenereal).....	.18				.20	.32	1.09	
XV. Diseases of the skin:								
Bromidrosis.....								
Raynaud's disease.....								
Cellulitis.....								
Keloid.....								
Large scar of face.....								
Abdominal scar.....	.11		0.73		.06			
Other diseases of the skin.....	.18				.32	.32	1.90	
XVI. Bones and organs of locomotion:								
Osteitis deformans.....	.11		.36		.01			
Ankylosis, bony, of joint.....	.11		.36		.17	.16	.54	
Ankylosis, fibrous, of joint.....	.21				.36	.48	1.70	
Bursitis.....					.01			
Tenosynovitis.....					.01			
Relaxed ligaments of joint.....	.04		.36				.14	
Joint, resection of.....					.01			
Chronic dislocation (other than hand).....	.11				.06	.16	.61	
Contracture of joint.....					.02			
Contracture of muscle, fascia, tendon, sheath.....	.04				.01		.61	
Bunion.....	.14		.36		.11		.34	
Hammer toe.....	.04				.11		.20	
Overriding toes.....								
Ingrowing nail.....								
Contraction of plantar fascia.....								
Pes cavus.....			.36		.01		.14	
Pes planus.....	3.07	1.36	.36		2.61	1.62	4.68	2.28
Pronated foot.....					.06		4.48	
Loss of part of foot.....	.14				.11	.16	.34	
Deformities of foot (cause or type not specified).....	.14	.45	.36		.23	.32	.61	
Ganglion.....								
Depressed fracture of skull.....	.11				.17	.32	.14	2.28
Mallet fingers.....								
Dupuytren's contracture of palmar fascia.....					.01			
Deformities of hand, result of old injury or infection.....	.21				.24		.41	
Loss of one or more fingers.....	.39				.30	.48	.48	
Loss of part or whole of lower extremity.....					.01	.16	.07	
Shortening of lower extremity.....	.21				.30		.54	2.28
Loss of part or whole of upper extremity.....		.45			.01			
Malunion fracture of upper extremity.....	.32		.73		.26		.68	

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

North Dakota.		Ohio.		Oklahoma.		Oregon.		Pennsylvania.		Rhode Island.		South Carolina.		South Dakota.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
				0.11				0.03	0.22						
				.11								0.10			
0.99		0.37	0.39	.32		0.28		.08	.32	0.83		1.82	6.21		
						.28									
												.10			
												.30			
.33		.41	1.18	.53	1.03			.09	.32			1.72			
			.39					.01		.28					
.17		.49		.05				.09		1.11		.41			
.17		.64	.79	.74	1.03	.84		.30	.65	1.11		1.12			
				.05											
		.02													
		.02	.39	.11					.32	.28					
.33		.02	1.18	.21		.28		.03	.32	.28					
		.06		.11				.01		.55		.51			
.17		.02						.03	.32			.20			
.33		.12	.39	.05				.01		.28		.30			
										.28					
.83		.18						.03				.20			
		2.38	1.18	1.06		2.24		.74		7.76		3.45	12.42		
		.04						.08				3.24	6.21		
.17		.16	.79	.11		.28		.04		.28		.20			
.17		.21		.32				.03		.28		.30		0.27	
.17	1.73	.06	.79	.05		.56		.05	.32			.20			
.17		.19		.21		.56		.04	.65	.28		.41			
	1.73	.55	.79	.63	1.03			.19	.97	.28		.51			
		.04						.01							
		.33		.26		.84		.12	.97	.28		1.01		.27	
						.28									
.17		.33	.39	.21		.84		.07		.83		.51			





PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 303

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Washington.		West Virginia.		Wisconsin.		Wyoming.		State not specified.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
0.32		0.08						0.15	0.60
.08				0.06				.01	
								.09	
.24		.96		.18		1.71		.98	1.20
								.08	
								.02	
								.01	
.16		.08						.09	
.96		.08		.23	0.65	.57		.81	.60
								.01	
.64		.08		.18	.65			.50	
2.08		.17		.70	1.29	.57		.77	
								.03	
.08								.02	
								.08	
.24		.17	1.92	.18		1.14		.80	
								.06	
.16		.08		.18	1.94			.08	
				.06				.15	
								.16	
						.57		.01	
.16	.96			.12				.09	
2.88		.58		2.75	3.24	2.84		4.00	1.81
								.19	
.16		.08		.12		.57		.25	
.48		.08		.41				.87	.60
		.08		.12		.57		.19	
								.02	
1.52		.25		.88	.65	1.71		.48	.60
1.76			2.84	.76	1.94	1.14		.49	.60
								.62	
.16		.25		.12				.59	1.20
				.06				.05	.60
.88		1.08		.70	1.29	1.14		.73	

304    PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having  
1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Alabama.		Arizona.		Arkansas.		California.		Colorado.		Connecticut.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
XVI. Bones and organs of locomotion—Continued.												
Malunion fracture of lower extremity.....	0.38	.....	0.81	.....	0.50	2.63	1.00	.....	.....	.....	1.01	1.7
Malunion fracture other than extremity.....	.06	.....	.....	.....	.....	.....	.06	.....	0.16	.....	.16	.....
Nonunion of fracture upper extremity....	.06	.....	.....	.....	.....	.....	.09	.....	.....	.....	.08	.....
Nonunion of fracture lower extremity....	.....	.....	.....	.....	.....	.....	.03	.....	.48	.....	.....	.....
Recent operation wounds.....	.....	.....	.....	.....	.....	.....	.06	.....	.....	.....	.....	1.7
Scar of head.....	.....	.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....
Curvature of spine.....	.45	4.40	.....	.....	.20	.....	.92	2.00	.63	.....	.54	1.7
Hernia of muscle.....	.....	.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....
Other diseases of bones and organs of locomotion.....	1.41	1.47	.54	.....	.91	2.63	1.58	.....	.48	2.17	1.71	.....
XVII. Malformation and ill-defined diseases:												
Defective physical development.....	.90	8.80	.27	.....	.20	.....	2.35	1.00	.....	.....	.62	2.54
Deficient chest measurement.....	.....	.....	.....	.....	.....	.....	.29	.....	.16	.....	.08	.....
Overweight.....	.....	1.47	.....	.....	.....	.....	.11	.....	.....	.....	.16	.....
Underweight.....	3.40	24.98	.27	.....	1.41	2.63	10.68	3.01	.16	.....	1.09	1.7
Malnutrition.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....
Monorchism.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cryptorchidism.....	.....	.....	.....	.....	.10	.....	1.52	1.00	.16	.....	.78	1.7
Hyposadia.....	.....	.....	.....	.....	.....	.....	.06	.....	.....	.....	.....	.....
Fistula, post operative.....	.....	.....	.....	.....	.....	.....	.03	.....	.....	.....	.....	.....
Fistula, other.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bullet or other recent wound.....	.45	.....	.....	.....	.30	.....	.32	.....	.32	2.17	.28	.....
Ill-defined diseases.....	.06	.....	.....	.....	.10	.....	.57	.....	.....	.....	.31	.....
Disease or defect not specified.....	.26	.....	.....	.....	.10	.....	.37	.....	.16	.....	.16	.....
Under observation or undiagnosed.....	.13	.....	.....	.....	.81	.....	.23	.....	.....	.....	.31	.....
Total number of men examined from each State.....	15,609	6823,718	1789,907	38034,841	9986,314	40012,800	75					
Total number of men rejected at mobilization camps.....	967	98146	12604	493,281	55198	311,162	57					
Ratio per 1,000 of men rejected to total number examined from each State.....	61.95	143.00	39.27	63.18	70.05	123.95	94.17	58.11	30.57	67.39	90.32	72.4

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.		Illinois.		Indiana.		Iowa.		Kansas.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
0.57		0.23		0.86		0.41	03.10	03.33		0.39	0.88	0.45		0.47		0.54	2.74
										.02		.05		.05			
				.17								.05					
										.02				.05		.11	
		.23						.51		.02	.22						
		.46		.34		.66		1.28		.30	.22	.14		.16		.75	
										.02							
2.27				1.89		1.07	3.10	1.28		.44	.22	.54		1.09	1.47	.65	
.57		.23		1.72	5.65	1.32	3.53	1.28		.39	.22	.32		.21			
						.87	3.10	.26		.02	.44	.05					
1.70		1.15		.69	5.65	9.47	58.91	5.13		.74	2.64	.27	.77	.26			
										.02		.05					
				.17		.05		1.28		.11		.09	.77	.05	.74		
						.05		.26									
				.17		.15				.02		.77					
										.03							
		.23		.17		.36				.12		.23		.16			1.37
						1.68				.11		.65					
						.20				.38	.44	.27		.21			1.37
												.09		.05		.11	
1,765	144	4,348	156	5,805	177	19,646	1,290	3,902	176	659	1,845	4,122	1,381	3,061	9,324	1,360	92,407
84	10	42	5	518	16	1,133	260	279	4	2,210	209	774	64	800	33	311	77
47.59	69.44	9.66	32.05	89.23	90.40	57.67	201.55	71.50	22.73	33.53	46.03	34.96	49.00	41.61	24.26	33.66	105.48

<sup>1</sup> Total number of men examined in Iowa should be 20,761; 177 men omitted.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
XVI. Bones and organs of locomotion—Continued.										
Malunion fracture of lower extremity.....	0.39		0.73		1.94				0.81	
Malunion fracture other than extremity.....	.07				.32		0.11			
Nonunion of fracture, upper extremity.....			.08							
Nonunion of fracture, lower extremity.....									.03	
Recent operation wounds.....									.03	
Scar of head.....										
Curvature of spine.....	.39		.49		2.26		.11		.07	1.2
Hernia of muscle.....										
Other diseases of bones and organs of locomotion.....	.66	4.85	.81		1.94		.21		1.37	1.2
XVII. Malformation and ill-defined diseases:										
Defective physical development.....	.72		.16		3.55				.56	1.2
Deficient chest measurement.....										
Overweight.....	.07	.162			.97				.11	.2
Underweight.....	.92		2.43	2.60	1.29		.11		1.09	.2
Malnutrition.....									.03	
Anorchism.....										
Monorchism.....										
Cryptorchidism.....	.13	3.23	.08		.97				.07	
Hypospadia.....										
Fistula, post operative.....										
Fistula, other.....			.08						.08	
Bullet or other recent wound.....	.26		.65						.07	
Ill-defined diseases.....		1.62	.16						.07	
Disease or defect not specified.....	.20		.16		.82		.11		.14	
Under observation or undiagnosed.....	.07	1.62	.16		.82				.11	
Total number of men examined from each State.....	15,256	619	12,308	384	3,097	247	9,511	396	28,540	1,441
Total number of men rejected at mobilization camps.....	815	73	800	42	310	13	67	5	2,422	110
Ratio per 1,000 of men rejected to total number of examined from each State..	53.42	117.90	64.98	109.37	100.10	52.63	7.04	12.95	85.21	67.08

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 307

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Michigan.		Minnesota.		Mississippi.		Missouri.		Montana.		Nebraska.		Nevada.		New Hampshire.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
0.96	0.72	0.62	0.61	1.18		0.38		2.15	1.61	0.19				0.288	
						.13		.09		.10					
.03	.36														
.08							0.58	.27							
.03		.04		.12											
.33		.12	.61	.35		.26		.72	3.22	.29	1.88	0.72		2.40	
.03												.72			
.94	1.08	.62	1.22	1.08		.55	.58	1.16		.29	1.88	1.43		1.44	
.89		.42		.71		.12	2.31	1.25	1.61	.38		1.43		.96	
.10															
.15		.04				.04									
.66	.36	.19		1.06		.12	1.16	4.84		.29		7.89		1.92	4.83
						.04									
.13		.12						1.43		.10					
.09				.12				.09							
.08				.12											
.18		.12	.61	.35				.26							
.05				.12											
.05		.12						.27		.10		.72			
.05		.04		.47		.04				.19					
9,437	2,775	25,916	1,644	8,463	364	23,442	1,730	11,158	622	10,398	532	1,395	48	2,081	207
3,105	305	717	40	650	43	917	165	854	33	313	30	112	1	187	12
78.73	109.91	27.67	24.33	76.80	118.13	39.12	95.38	76.54	53.05	30.10	56.39	80.29	20.83	89.86	57.97

308    PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having  
1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	New Jersey.		New Mex- ico.		New York.		North Carolina	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
XVI. Bones and organs of locomotion—Continued.								
Malunion fracture of lower extremity.....	0.39				0.52	0.16	1.28	
Malunion fracture other than extremity.....			0.36		.08		.14	
Nonunion of fracture, upper extremity.....							.07	
Nonunion of fracture, lower extremity.....					.01			
Recent-operation wounds.....	.04		.36		.01		.07	
Scar of head.....					.01			
Curvature of spine.....	.18				.21	.65	1.08	
Hernia of muscle.....			.36					
Other diseases of bones and organs of loco- motion.....	.46		.36		.87	.81	2.51	1.28
XVII. Malformation and ill-defined diseases:								
Defective physical development.....	.53	0.45	2.28		.52	.65	1.22	
Deficient chest measurement.....					.01			
Overweight.....		.45			.10	.22	.14	
Underweight.....	1.16	1.36	.73		1.46	.81	.48	
Malnutrition.....					.01			
Anorchism.....					.04			
Monorchism.....								
Cryptorchidism.....	.25		.36		.14	.32	.07	
Hypospadia.....	.04				.04		.07	
Fistula, post operative.....								
Fistula, other.....								
Bullet or other recent wound.....	.07				.09		.41	
Ill-defined diseases.....	.04				.08	.48	.07	
Disease or defect not specified.....	.07		.73		.06	.16	.14	
Under observation or undiagnosed.....	.11				.11	.16		
Total number of men examined from each State.....	28,324	2,207	2,747	91	83,154	6,185	14,722	49
Total number of men rejected at mobilization camps.....	1,343	69	120	6	4,424	302	1,315	24
Ratio per 1,000 of men rejected to total number of ex- amined from each State.....	47.42	31.26	43.68	65.93	53.20	48.83	89.26	54.7

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 309

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

North Dakota.		Ohio.		Oklahoma.		Oregon.		Pennsyl- vania.		Rhode Island.		South Carolina.		South Dakota.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
0.50		0.68	1.18	0.58		0.84		0.16	0.65	0.55		0.91			
				.05	1.03			.04							
		.02													
		.02										.10			
		.02													
.17		.35	.79	.05		.28		.24	.32	.55		.71		0.27	
.66		.74	.79	.79		.84		.40		.55		2.33			
		.18	1.58	.16		1.12		.07		1.11		1.12			
		.02													
.17		.12						.01		.28	2.84	.10			
.17		.57	7.88	.21	2.07	3.35		.17	.97	2.50	5.68	.20			
								.01				.10			
.17		.14		.32		.28		.06		.28		.61			
												.30			
				.05											
				.11								.10			
.17		.10		.11		.28		.05				.61			
		.10		.05	1.03			.01	.32	.55		.30			
		.10	.39									.10			
	1.73	.04		.11				.04		.28		.10			
6,042	5795	1,279	2,538	18,897	967	3,578	322	75,628	3,078	3,006	352	9,864	161	3,755	258
187	19	1,759	145	625	51	137	13	1,237	99	333	17	884	13	75	15
30.95	32.82	34.30	57.13	33.07	52.74	38.29	40.37	16.36	32.16	92.35	48.30	89.62	80.75	19.97	58.14

310 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE VIII.—Men rejected at mobilization camps with defects as listed, after having 1918, by States, covering approximately the

[Ratios per 1,000 men examined from each State.]

Disease or defect.	Tennessee.		Texas.		Utah.		Vermont.		Virginia.	
	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
XVI. Bones and organs of locomotion—Continued.										
Malunion fracture of lower extremity.....	0.36	1.15	0.37	.....	1.56	.....	0.54	4.15	0.39	1.55
Malunion fracture other than extremity.....	.07	.....	.....	.....	.22	.....	.....	.....	.06	.....
Nonunion of fracture, upper extremity.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nonunion of fracture, lower extremity.....	.....	.....	.03	.....	.....	.....	.....	.....	.....	.....
Recent operation wounds.....	.....	.....	.....	.....	.....	.....	.54	.....	.....	.....
Scar of head.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Curvature of spine.....	.29	.....	.17	.....	.44	.....	.54	.....	.22	.....
Hernia of muscle.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other diseases of bones and organs of locomotion.....	1.09	3.45	.72	1.12	2.23	.....	3.26	.....	.39	1.55
XVII. Malformation and ill-defined diseases:										
Defective physical development.....	.72	4.60	.49	.....	1.34	.....	1.63	.....	.11	.....
Deficient chest measurement.....	.14	1.15	.14	.....	.....	.....	.....	4.15	.....	1.55
Overweight.....	2.46	12.64	.57	1.12	4.45	.....	1.63	.....	.....	.....
Underweight.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malnutrition.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monorchism.....	.....	.....	.37	.....	1.78	.....	.54	.....	.....	.....
Cryptorchidism.....	.....	.....	.....	.....	.22	6.33	.....	.....	.....	.....
Hypospadia.....	.....	.....	.08	.....	.....	.....	.....	.....	.....	.....
Fistula, post operative.....	.....	.....	.09	.....	.....	.....	.....	.....	.....	.....
Fistula, other.....	.14	.....	.09	.....	.22	.....	.....	.....	.17	.....
Bullet or other recent wound.....	.....	.....	.08	.....	.22	.....	.....	.....	.17	.....
Ill-defined diseases.....	.....	.....	.....	.....	.22	.....	.....	.....	.....	.....
Disease or defect not specified.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Under observation or undiagnosed.....	.07	.....	.09	.....	.....	.....	.....	.....	.06	.....
Total number of men examined from each State.....	13,821	870	34,957	895	4,494	158	1,838	241	18,061	59
Total number of men rejected at mobilization camps.....	337	80	1,032	36	348	5	137	32	354	24
Ratio per 1,000 of men rejected to total number of examined from each State..	24.38	91.95	29.52	40.22	77.44	31.65	74.54	132.78	19.60	44.51



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 311

been examined by local and advisory boards, for the period from June, 1917, to May, first 1,000,000 men sent to camp—Continued.

[Ratios per 1,000 men examined from each State.]

Washington.		West Virginia.		Wisconsin.		Wyoming.		State not specified.	
Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.	Local board.	Advisory board.
0.80		0.33		0.47		1.71		1.11	1.20
.32				.23				.11	
								.02	
.08				.06				.08	
.24	0.96			.06				.08	
.80		.08		.47	0.65			.76	
1.28		.58		1.23	.65	1.71		1.90	1.20
1.20	1.92	.08		.47		1.71		.94	1.20
.08				.06				.02	
		.08						.05	.60
5.53	.96	.08		.70		1.71		1.67	2.41
								.01	
								.01	
.96				.12		1.14		.01	
.24								.40	
.06								.06	
								.01	
.32		.08		.12				.23	.60
	.96			.12				.03	
.08						.57		.13	
.08				.06				.15	
12,479	1,044	12,092	521	17,065	1,545	1,759	173	100,240	1,661
900	40	237	23	814	111	117	1	9,239	114
72.12	33.31	19.60	44.15	47.70	71.34	66.51	5.78	92.17	68.63

312 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IX.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period from June, 1917, to May, 1918, covering approximately the first million men sent to camp.

[Absolute numbers. Not including men accepted with defect for operation and those for whom there is no record of examination at camp.]

States.	June, July, and August, 1917.					September, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	5,537	4,065	1,112	.....	326	1,124	763	315	.....	4
Alaska.....	5	3	1	.....	.....	2	1	1	.....	.....
Arizona.....	1,878	1,440	387	3	29	475	357	91	3	15
Arkansas.....	3,349	2,630	559	.....	103	716	561	119	.....	20
California.....	12,901	9,042	2,530	7	1,289	3,049	2,012	696	2	138
Colorado.....	2,958	2,001	895	2	43	514	354	150	.....	5
Connecticut.....	6,076	4,230	1,052	4	644	788	469	194	.....	51
Delaware.....	676	444	185	.....	46	16	10	5	.....	1
District of Columbia.....	684	440	232	.....	9	64	42	21	.....	1
Florida.....	2,144	1,330	476	1	215	368	215	94	.....	36
Georgia.....	4,957	3,606	1,317	1	12	445	273	170	.....	.....
Idaho.....	1,648	1,215	296	.....	136	314	215	66	.....	53
Illinois.....	23,899	18,145	4,596	12	987	1,058	715	278	.....	65
Indiana.....	9,209	7,148	1,005	12	351	526	370	123	1	28
Iowa.....	5,742	4,648	861	3	193	220	160	57	.....	3
Kansas.....	4,084	3,215	813	4	40	342	241	88	.....	9
Kentucky.....	6,755	5,243	1,068	8	358	704	510	128	1	54
Louisiana.....	5,095	3,794	978	2	233	267	187	65	.....	13
Maine.....	1,391	1,014	196	.....	170	271	161	60	.....	46
Maryland.....	3,929	2,463	1,439	.....	17	480	276	203	.....	1
Massachusetts.....	12,448	8,857	2,028	7	1,441	1,458	954	338	1	153
Michigan.....	17,077	13,748	1,712	1	1,561	2,627	2,076	302	.....	25
Minnesota.....	7,742	5,982	1,424	2	293	479	349	115	.....	13
Mississippi.....	2,426	1,629	444	.....	122	150	107	27	.....	6
Missouri.....	9,501	6,606	2,677	18	168	959	611	319	4	23
Montana.....	5,490	3,920	1,116	2	441	706	495	133	.....	7
Nebraska.....	5,410	4,348	974	3	61	306	211	87	.....	.....
Nevada.....	662	479	120	.....	63	124	88	26	.....	13
New Hampshire.....	883	647	103	.....	113	49	35	9	.....	5
New Jersey.....	10,323	7,408	2,147	1	749	751	421	269	1	53
New Mexico.....	1,045	672	264	1	7	510	336	143	.....	12
New York.....	35,119	24,388	7,959	8	2,574	3,074	2,139	707	.....	24
North Carolina.....	5,645	3,587	1,860	.....	109	434	288	115	.....	36
North Dakota.....	2,240	1,614	531	.....	84	141	84	50	.....	6
Ohio.....	19,483	14,027	4,271	.....	467	2,106	1,473	497	.....	66
Oklahoma.....	9,703	7,322	2,014	.....	226	320	233	74	.....	.....
Oregon.....	667	468	139	.....	59	135	78	50	.....	41
Pennsylvania.....	29,425	21,927	6,610	3	350	5,472	3,824	1,491	.....	15
Rhode Island.....	1,592	988	365	.....	224	149	100	32	.....	29
South Carolina.....	4,447	3,082	967	.....	367	438	287	116	.....	3
South Dakota.....	1,846	1,509	316	1	12	54	42	9	.....	1
Tennessee.....	6,878	4,961	1,867	1	9	781	596	177	.....	63
Texas.....	16,325	11,804	3,274	2	455	1,987	1,390	391	.....	23
Utah.....	1,794	1,292	327	.....	172	237	155	50	.....	10
Vermont.....	757	510	190	.....	55	97	66	21	.....	15
Virginia.....	9,932	4,975	4,746	1	183	834	424	394	.....	124
Washington.....	5,052	3,576	1,022	.....	443	1,072	742	216	.....	11
West Virginia.....	5,223	3,676	1,379	1	91	425	256	157	.....	26
Wisconsin.....	7,209	5,742	1,016	1	428	377	300	51	.....	6
Wyoming.....	742	537	142	.....	60	69	51	11	.....	4
State not specified.....	40,023	28,738	8,438	7	2,277	4,643	4,341	220	.....	.....
Total.....	380,026	275,135	81,030	119	18,865	42,642	30,444	9,523	13	2,105

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 313

TABLE IX.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Absolute numbers. Not including men accepted with defect for operation and those for whom there is no record of examination at camp.]

States.	October, 1917.					November, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	626	436	168	.....	19	225	141	80	.....	4
Alaska.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Arizona.....	76	50	20	1	4	57	23	32	.....	1
Arkansas.....	256	220	29	.....	2	115	64	43	.....	3
California.....	1,932	1,113	578	4	227	884	364	448	.....	68
Colorado.....	106	76	26	.....	3	42	15	26	.....	.....
Connecticut.....	277	109	71	.....	28	107	64	36	.....	3
Delaware.....	14	5	8	.....	1	9	5	3	.....	1
District of Columbia.....	50	37	10	.....	.....	59	49	9	.....	.....
Florida.....	136	91	31	.....	5	37	20	16	.....	.....
Georgia.....	540	217	320	.....	2	307	90	215	.....	.....
Idaho.....	179	121	41	.....	17	75	46	28	.....	1
Illinois.....	626	412	174	.....	32	433	288	127	.....	12
Indiana.....	402	227	143	.....	6	274	145	122	.....	.....
Iowa.....	143	72	60	.....	8	121	43	71	.....	7
Kansas.....	123	90	26	.....	5	45	17	25	.....	2
Kentucky.....	129	74	33	.....	21	64	41	20	.....	2
Louisiana.....	255	176	66	.....	5	81	46	29	.....	6
Maine.....	64	22	34	.....	7	30	4	26	.....	.....
Maryland.....	331	216	112	.....	2	233	149	83	.....	1
Massachusetts.....	807	464	251	2	84	306	122	169	.....	14
Michigan.....	774	561	149	.....	55	874	670	152	.....	46
Minnesota.....	243	129	110	.....	4	296	160	130	.....	2
Mississippi.....	161	122	28	.....	5	79	64	14	.....	1
Missouri.....	223	115	93	1	10	199	45	136	1	2
Montana.....	640	433	140	.....	66	281	207	54	.....	20
Nebraska.....	87	53	32	.....	2	50	21	28	.....	.....
Nevada.....	33	16	14	.....	3	36	11	25	.....	.....
New Hampshire.....	25	10	13	.....	2	32	14	18	.....	.....
New Jersey.....	379	212	139	.....	23	182	57	118	.....	6
New Mexico.....	78	48	25	.....	4	32	23	7	.....	2
New York.....	1,743	1,105	476	1	135	965	366	557	.....	30
North Carolina.....	136	84	38	.....	13	80	36	38	.....	4
North Dakota.....	39	25	11	.....	3	26	11	14	.....	1
Ohio.....	885	540	259	.....	29	816	539	245	.....	12
Oklahoma.....	134	82	40	.....	8	116	55	59	.....	2
Oregon.....	148	93	52	.....	3	243	121	125	.....	2
Pennsylvania.....	2,748	1,835	775	.....	19	1,363	695	550	.....	7
Rhode Island.....	47	27	12	1	7	11	5	4	.....	2
South Carolina.....	166	95	56	.....	13	44	36	7	.....	1
South Dakota.....	42	20	21	.....	1	25	5	20	.....	.....
Tennessee.....	258	184	67	.....	3	173	136	34	.....	1
Texas.....	545	316	177	.....	9	360	193	131	.....	15
Utah.....	99	58	27	.....	14	54	33	21	.....	.....
Vermont.....	36	22	10	.....	4	7	4	3	.....	.....
Virginia.....	464	281	179	.....	4	221	109	102	.....	4
Washington.....	487	337	112	.....	37	358	237	114	.....	7
West Virginia.....	92	49	40	.....	2	73	39	34	.....	.....
Wisconsin.....	101	70	24	.....	6	67	34	27	.....	6
Wyoming.....	56	40	12	.....	4	24	8	11	.....	4
State not specified....	3,837	2,724	786	1	264	995	667	253	.....	62
Total.....	21,779	13,975	6,118	11	1,230	11,591	6,337	4,644	1	364

# 314 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IX.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	December, 1917.					January, 1918.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	243	209	33	.....	1	369	209	116	.....	2
Alaska.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Arizona.....	61	32	24	.....	2	209	123	45	3	5
Arkansas.....	209	129	86	.....	3	818	624	99	3	50
California.....	1,098	295	786	.....	32	1,424	804	531	27	52
Colorado.....	97	34	60	.....	1	477	298	157	1	15
Connecticut.....	579	420	151	.....	4	128	80	43	1	3
Delaware.....	49	28	9	.....	2	62	31	29	.....	1
District of Columbia.....	201	181	15	.....	4	113	88	15	.....	.....
Florida.....	66	49	14	.....	.....	305	183	95	.....	12
Georgia.....	485	317	165	.....	2	723	504	156	1	47
Idaho.....	126	77	48	.....	1	286	190	77	7	11
Illinois.....	1,320	758	554	.....	7	441	169	252	1	15
Indiana.....	549	401	141	.....	2	2,119	1,514	536	1	66
Iowa.....	790	569	212	1	7	4,238	3,041	1,143	3	40
Kansas.....	156	76	77	.....	2	893	557	292	3	26
Kentucky.....	129	108	23	.....	.....	949	747	143	1	6
Louisiana.....	203	110	92	.....	1	426	304	67	4	39
Maine.....	54	15	36	2	.....	203	143	46	.....	12
Maryland.....	215	173	39	.....	1	249	183	52	2	5
Massachusetts.....	1,079	447	626	1	4	873	562	268	.....	25
Michigan.....	1,107	861	222	.....	12	1,162	799	318	10	24
Minnesota.....	850	566	277	.....	7	3,293	2,369	886	.....	46
Mississippi.....	107	76	20	.....	.....	1,211	888	204	3	77
Missouri.....	703	523	185	1	6	1,941	1,165	673	.....	55
Montana.....	490	285	120	.....	5	447	266	154	12	12
Nebraska.....	125	70	62	1	1	978	608	323	.....	44
Nevada.....	28	8	20	.....	.....	46	23	14	2	5
New Hampshire.....	89	80	48	.....	2	120	105	20	.....	5
New Jersey.....	423	174	240	.....	7	2,085	1,538	482	14	45
New Mexico.....	125	86	35	.....	4	98	71	16	.....	8
New York.....	2,891	1,264	1,526	2	25	4,494	3,084	1,275	9	96
North Carolina.....	96	66	26	.....	4	818	578	217	.....	13
North Dakota.....	54	34	19	.....	1	426	310	104	1	4
Ohio.....	695	488	201	.....	.....	1,068	662	389	.....	19
Oklahoma.....	444	207	224	.....	10	2,324	1,588	673	5	26
Oregon.....	697	370	224	1	2	559	338	187	17	12
Pennsylvania.....	1,402	737	699	2	6	1,337	857	420	2	25
Rhode Island.....	51	10	41	.....	.....	369	278	84	1	4
South Carolina.....	99	79	19	.....	.....	292	195	92	.....	3
South Dakota.....	71	53	18	.....	.....	297	172	116	1	5
Tennessee.....	328	268	53	.....	.....	423	293	84	.....	25
Texas.....	709	477	201	.....	18	2,253	1,496	799	2	44
Utah.....	138	95	42	.....	1	301	192	92	9	2
Vermont.....	14	3	11	.....	.....	73	51	20	.....	2
Virginia.....	286	200	75	.....	5	315	200	103	.....	3
Washington.....	898	494	399	.....	4	860	597	301	19	25
West Virginia.....	122	77	43	1	1	1,396	696	644	4	22
Wisconsin.....	147	96	45	.....	3	1,282	941	386	3	41
Wyoming.....	7	1	6	.....	.....	180	99	56	3	2
State not specified....	790	541	203	.....	43	1,643	1,095	449	12	77
Total.....	21,455	12,693	8,345	12	248	47,498	31,752	13,674	187	1,399

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 315

TABLE IX.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	2,552	1,603	769	1	127	1,169	726	342	1	69
Alaska.....	7	3	.4	.....	.....	54	21	33	.....	.....
Arizona.....	197	142	39	.....	7	134	84	36	1	9
Arkansas.....	1,681	1,307	213	6	132	555	400	104	5	33
California.....	3,110	1,712	1,177	72	110	2,367	1,288	933	55	64
Colorado.....	845	522	280	1	35	236	128	100	1	5
Connecticut.....	1,512	946	472	.....	78	828	537	261	.....	20
Delaware.....	325	177	136	1	10	212	157	48	.....	5
District of Columbia.....	465	333	117	1	2	160	117	32	1	1
Florida.....	742	437	247	2	27	374	221	151	.....	12
Georgia.....	5,624	3,877	1,148	13	483	1,531	1,011	329	7	150
Idaho.....	416	260	133	6	13	84	50	27	4	3
Illinois.....	17,087	10,924	5,686	27	358	4,353	2,298	1,929	10	90
Indiana.....	4,449	3,060	1,249	6	116	877	612	246	1	18
Iowa.....	3,477	2,402	1,014	6	47	650	359	276	1	7
Kansas.....	1,140	629	444	4	57	417	226	164	1	24
Kentucky.....	3,146	2,524	506	1	112	1,171	834	276	1	58
Louisiana.....	2,270	1,689	327	20	178	1,085	782	172	2	89
Maine.....	408	286	109	.....	5	128	74	46	1	3
Maryland.....	764	550	199	4	7	628	470	137	5	4
Massachusetts.....	2,787	1,851	774	1	126	1,354	890	385	1	40
Michigan.....	5,952	3,801	1,743	50	303	2,603	1,701	675	31	160
Minnesota.....	6,790	4,966	1,700	4	87	1,439	1,012	393	1	28
Mississippi.....	2,105	1,494	395	17	163	522	337	119	11	45
Missouri.....	3,965	2,294	1,439	15	202	965	551	361	3	47
Montana.....	1,027	612	375	11	19	332	180	131	11	8
Nebraska.....	1,104	677	354	7	60	293	146	127	5	15
Nevada.....	124	78	42	1	2	48	18	28	1	1
New Hampshire.....	420	297	104	2	16	124	75	47	1	1
New Jersey.....	7,524	5,461	1,818	31	173	1,329	1,265	519	6	29
New Mexico.....	278	185	70	.....	17	109	79	25	.....	5
New York.....	13,856	9,374	4,073	23	259	4,583	2,786	1,638	20	65
North Carolina.....	3,020	1,893	1,039	.....	42	839	467	339	.....	16
North Dakota.....	1,789	1,260	489	.....	31	388	274	106	.....	6
Ohio.....	9,046	5,527	3,280	3	199	4,345	2,831	1,404	1	92
Oklahoma.....	2,114	1,477	578	4	37	928	506	398	2	16
Oregon.....	420	262	144	13	9	264	164	84	6	8
Pennsylvania.....	12,745	8,232	4,047	33	263	4,759	3,072	1,528	29	65
Rhode Island.....	537	403	108	4	15	89	66	17	.....	5
South Carolina.....	1,603	1,071	488	1	20	208	138	58	.....	6
South Dakota.....	498	304	178	1	11	180	108	76	.....	1
Tennessee.....	2,182	1,575	447	3	80	471	333	98	.....	31
Texas.....	4,524	2,798	1,569	6	78	1,331	832	406	3	20
Utah.....	598	350	218	10	11	92	59	30	.....	2
Vermont.....	418	301	88	1	26	109	84	23	.....	1
Virginia.....	1,491	894	549	4	27	605	353	280	3	16
Washington.....	988	607	331	24	19	509	261	280	7	5
West Virginia.....	1,989	1,129	791	3	52	431	254	140	5	8
Wisconsin.....	3,564	2,442	1,012	7	81	861	601	226	5	25
Wyoming.....	276	154	112	2	7	61	29	28	.....	3
State not specified...	4,202	2,795	1,184	20	162	1,457	952	431	7	44
Total.....	148,193	97,947	43,808	472	4,511	49,121	30,864	15,941	256	1,478

# 316 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE IX.—*The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.*

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	April and May, 1918.					Total June, 1917, to May, 1918.				
	Num- ber of men ac- cepted by local boards as qual- ified without defects.	Results of examinations at mobilization camps.				Num- ber of men ac- cepted by local boards as qual- ified without defects.	Results of examinations at mobilization camps.			
		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.
Alabama.....	283	220	42	1	12	12,148	8,372	2,977	3	649
Alaska.....	8	4	4	.....	.....	78	34	43	.....	.....
Arizona.....	51	28	18	.....	2	3,129	2,290	602	11	51
Arkansas.....	282	187	77	1	15	7,981	6,142	1,314	15	361
California.....	641	300	318	10	6	27,416	16,930	7,979	177	2,175
Colorado.....	84	34	47	.....	2	5,359	3,462	1,741	5	112
Connecticut.....	389	215	155	1	13	10,684	7,130	2,435	6	574
Delaware.....	43	29	12	.....	1	1,406	886	435	1	68
District of Columbia	75	59	12	.....	2	1,871	1,346	463	2	19
Florida.....	78	40	32	.....	4	4,250	2,586	1,136	3	313
Georgia.....	907	608	207	.....	72	15,529	10,503	4,027	22	768
Idaho.....	42	27	15	.....	.....	3,170	2,201	731	17	215
Illinois.....	1,613	775	796	2	27	50,830	34,484	14,382	52	1,576
Indiana.....	374	225	144	.....	3	18,779	13,702	4,309	21	590
Iowa.....	414	199	211	.....	1	15,795	11,493	3,905	14	316
Kansas.....	239	96	124	.....	18	7,439	5,147	2,053	12	187
Kentucky.....	241	185	45	.....	10	13,279	10,264	2,242	12	663
Louisiana.....	251	177	47	2	25	9,933	7,265	1,843	30	359
Maine.....	78	39	38	.....	1	2,637	1,758	591	3	244
Maryland.....	294	174	109	.....	5	7,123	4,654	2,373	11	43
Massachusetts.....	534	314	209	.....	6	21,626	14,461	5,048	13	1,903
Michigan.....	1,000	580	350	2	60	33,176	24,788	5,593	94	2,469
Minnesota.....	982	703	250	2	19	22,114	16,226	5,285	9	468
Mississippi.....	225	168	33	2	15	6,985	4,885	1,299	33	434
Missouri.....	516	236	259	2	18	18,972	12,146	6,122	45	569
Montana.....	180	77	99	3	1	9,523	6,475	2,332	39	649
Nebraska.....	201	95	97	.....	8	8,564	6,229	2,084	16	196
Nevada.....	28	13	14	.....	1	1,129	734	308	4	85
New Hampshire....	39	22	17	.....	.....	1,782	1,235	379	3	143
New Jersey.....	865	522	329	3	7	24,870	17,058	6,061	56	1,087
New Mexico.....	70	50	15	.....	4	2,845	1,550	600	1	64
New York.....	1,982	902	1,023	7	21	68,707	45,408	19,294	70	3,419
North Carolina.....	368	197	141	1	25	11,436	7,196	3,813	1	253
North Dakota.....	134	72	60	.....	2	5,236	3,684	1,384	1	125
Ohio.....	1,844	883	405	3	44	39,788	26,990	10,912	7	926
Oklahoma.....	378	133	233	.....	3	16,461	11,603	4,293	11	369
Oregon.....	93	54	33	1	.....	3,151	1,948	1,053	38	103
Pennsylvania.....	2,218	1,313	843	14	15	61,469	42,492	16,903	83	804
Rhode Island.....	29	21	5	.....	2	2,874	1,898	668	6	273
South Carolina.....	121	77	28	.....	15	7,413	5,060	1,831	1	454
South Dakota.....	102	44	52	.....	5	3,115	2,252	806	3	41
Tennessee.....	194	142	37	.....	6	11,698	8,503	2,864	4	136
Texas.....	548	377	150	1	8	28,542	19,643	7,068	14	705
Utah.....	45	27	15	.....	1	3,348	2,261	822	19	231
Vermont.....	5	3	2	.....	.....	1,516	1,044	368	1	85
Virginia.....	256	148	99	1	3	14,404	7,584	6,477	9	289
Washington.....	317	165	147	2	2	10,451	6,926	2,782	52	696
West Virginia.....	199	112	82	1	1	9,940	6,290	3,330	15	196
Wisconsin.....	206	127	68	2	5	13,914	10,355	2,854	18	621
Wyoming.....	45	24	16	4	1	1,440	943	394	9	57
State not specified...	625	393	205	4	17	58,215	42,246	12,169	51	2,969
Total.....	20,236	11,615	7,779	72	534	742,581	510,762	190,862	1,143	30,795



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 317

TABLE X.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	June, July, and August, 1917.					September, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	5,537	73.42	20.08	.....	5.89	1,124	67.88	28.02	.....	3.83
Alaska.....	5	60.00	20.00	.....	.....	2	50.00	50.00	.....	.....
Arizona.....	1,878	76.68	20.61	0.16	1.54	475	75.16	19.16	0.63	3.79
Arkansas.....	3,349	78.52	16.69	.....	3.07	716	78.85	16.62	.....	2.79
California.....	12,901	70.08	19.61	.06	9.99	3,049	65.99	22.89	.07	10.69
Colorado.....	2,968	67.64	30.25	.07	1.45	514	68.87	29.18	.....	1.56
Connecticut.....	6,076	69.62	17.31	.07	10.60	788	59.52	24.62	.....	10.28
Delaware.....	676	65.68	27.87	.....	6.80	16	62.50	31.25	.....	6.25
District of Columbia.....	684	64.34	38.92	.....	1.32	64	65.62	32.81	.....	1.56
Florida.....	2,144	62.04	22.20	.06	10.08	368	58.43	25.55	.....	10.83
Georgia.....	4,957	72.74	26.57	.02	.24	445	61.35	38.20	.....	.....
Idaho.....	1,648	73.72	17.96	.....	8.25	314	68.47	21.02	.....	10.51
Illinois.....	23,899	75.93	19.19	.06	4.13	1,058	67.58	26.27	.....	4.54
Indiana.....	9,209	77.62	17.43	.13	3.84	526	70.34	23.38	.18	4.94
Iowa.....	5,742	80.95	15.00	.06	3.36	220	72.73	25.91	.....	1.36
Kansas.....	4,084	78.72	19.90	.10	.99	342	70.47	25.73	.....	2.63
Kentucky.....	6,755	77.62	15.81	.12	5.30	704	72.44	18.18	.14	8.24
Louisiana.....	5,095	74.46	19.19	.04	4.57	267	70.04	24.85	.....	4.87
Maine.....	1,391	72.90	14.09	.....	12.22	271	59.40	23.14	.....	16.97
Maryland.....	3,929	62.68	36.64	.....	.43	480	57.50	42.29	.....	.21
Massachusetts.....	12,448	71.15	16.29	.06	11.57	1,458	65.43	23.18	.07	10.49
Michigan.....	17,077	80.50	10.02	.01	9.14	2,627	79.02	11.50	.....	9.06
Minnesota.....	7,742	77.27	18.39	.08	3.78	479	72.86	24.01	.....	2.71
Mississippi.....	2,426	67.14	18.30	.....	5.08	150	71.33	18.00	.....	4.00
Missouri.....	9,501	69.54	28.18	.19	1.77	969	63.71	33.26	.42	2.29
Montana.....	5,490	71.40	20.33	.04	8.03	706	70.11	18.84	.....	10.76
Nebraska.....	5,410	80.36	18.00	.06	1.13	306	68.96	28.43	.....	2.29
Nevada.....	662	72.36	18.13	.....	9.52	124	70.97	20.97	.....	8.06
New Hampshire.....	883	73.27	11.66	.....	12.80	49	71.43	18.87	.....	10.20
New Jersey.....	10,323	71.77	20.80	.01	7.26	751	56.06	35.82	.13	7.72
New Mexico.....	1,045	64.30	25.26	.10	.67	510	65.88	28.04	.....	2.85
New York.....	35,119	69.44	22.66	.02	7.83	3,074	69.58	23.00	.....	6.96
North Carolina.....	5,645	63.54	32.95	.....	1.98	434	66.36	26.50	.....	6.91
North Dakota.....	2,240	72.06	23.71	.....	3.75	141	59.58	35.46	.....	4.26
Ohio.....	19,483	72.00	21.92	.....	2.40	2,106	69.95	23.60	.....	3.13
Oklahoma.....	9,703	75.46	20.76	.....	2.33	320	72.81	23.12	.....	2.81
Oregon.....	667	70.16	20.84	.....	8.84	135	57.78	37.04	.....	5.18
Pennsylvania.....	29,425	74.51	22.46	.01	1.19	5,472	69.88	27.25	.....	.75
Rhode Island.....	1,592	62.06	22.93	.....	14.07	149	67.10	21.48	.....	10.74
South Carolina.....	4,447	69.30	21.74	.....	8.25	433	66.28	26.79	.....	6.70
South Dakota.....	1,846	81.75	17.12	.06	.65	54	77.78	16.67	.....	5.56
Tennessee.....	6,878	72.13	27.14	.01	.13	781	76.32	22.66	.....	.13
Texas.....	16,325	72.30	20.06	.01	2.79	1,937	71.76	20.18	.....	3.25
Utah.....	1,794	72.02	18.23	.....	9.50	227	68.29	22.02	.....	9.69
Vermont.....	757	67.38	25.10	.....	7.27	97	68.04	21.65	.....	10.31
Virginia.....	9,932	50.00	47.78	.01	1.84	834	50.84	47.24	.....	1.80
Washington.....	5,062	70.79	20.23	.....	8.77	1,072	69.22	20.15	.....	10.63
West Virginia.....	5,223	70.38	26.40	.02	1.74	425	60.25	36.94	.....	2.59
Wisconsin.....	7,209	79.65	14.09	.01	5.94	377	79.58	13.53	.....	6.90
Wyoming.....	742	72.87	19.14	.....	8.09	69	73.91	15.94	.....	8.70
State not specified...	40,023	71.80	21.08	.02	5.69	4,643	93.50	4.74	.....	.93
Total.....	380,026	72.40	21.82	.03	4.96	42,642	71.39	22.33	.03	4.94

318 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE X.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	October, 1917.					November, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	626	69.65	26.84	.....	3.04	236	62.66	35.55	.....	1.78
Alaska.....	1	100.00	.....	.....	.....	.....	.....	.....	.....	.....
Arizona.....	76	65.79	26.82	1.82	5.26	57	40.36	56.14	.....	1.75
Arkansas.....	256	85.94	11.38	.....	.78	115	55.65	41.74	.....	2.61
California.....	1,932	57.61	29.92	.21	11.75	884	41.19	50.68	.....	7.09
Colorado.....	106	71.70	24.53	.....	2.88	42	35.71	61.90	.....	.....
Connecticut.....	277	61.01	25.68	.....	10.11	107	59.81	33.65	.....	2.59
Delaware.....	14	35.71	57.14	.....	7.14	9	55.55	33.33	.....	11.11
District of Columbia.	50	74.00	20.00	.....	.....	59	83.06	15.25	.....	.....
Florida.....	136	66.91	22.79	.....	3.68	37	54.96	43.25	.....	.....
Georgia.....	540	40.19	59.26	.....	.00	307	29.31	70.08	.....	.....
Idaho.....	179	67.60	22.90	.....	9.50	75	61.36	37.34	.....	1.33
Illinois.....	626	65.82	27.80	.....	5.11	433	66.51	29.33	.....	2.77
Indiana.....	402	56.46	35.87	.....	1.49	274	52.92	44.53	.....	.....
Iowa.....	143	50.34	41.95	.....	5.59	121	35.54	53.68	.....	5.78
Kansas.....	123	73.17	21.14	.....	4.06	45	37.78	55.55	.....	4.44
Kentucky.....	129	57.36	25.58	.....	16.28	64	64.66	31.25	.....	3.12
Louisiana.....	265	69.02	25.88	.....	1.96	81	56.79	35.81	.....	7.41
Maine.....	64	34.38	53.18	.....	10.94	39	13.33	86.66	.....	.....
Maryland.....	331	65.26	33.84	.....	.60	263	63.96	35.62	.....	.46
Massachusetts.....	867	57.50	31.10	.25	10.41	306	39.87	55.23	.....	4.38
Michigan.....	774	72.49	19.26	.....	7.11	874	76.66	17.39	.....	5.26
Minnesota.....	243	53.09	45.27	.....	1.65	296	54.05	43.92	.....	.65
Mississippi.....	161	75.78	17.89	.....	3.11	79	81.01	17.72	.....	1.27
Missouri.....	223	51.57	41.71	.45	4.48	199	22.62	68.35	0.50	1.01
Montana.....	640	67.66	21.87	.....	10.31	281	73.67	19.22	.....	7.12
Nebraska.....	87	60.92	36.78	.....	2.30	50	42.00	56.00	.....	.....
Nevada.....	33	48.48	42.42	.....	9.10	36	30.55	69.44	.....	.....
New Hampshire.....	25	40.00	52.00	.....	8.00	32	43.75	56.25	.....	.....
New Jersey.....	379	55.94	36.68	.....	6.07	183	31.32	64.84	.....	3.39
New Mexico.....	78	61.54	32.06	.....	5.13	32	71.88	21.88	.....	6.25
New York.....	1,743	63.40	27.31	.06	7.74	965	37.98	57.72	.....	3.11
North Carolina.....	136	61.77	27.94	.....	9.56	80	45.00	47.50	.....	5.00
North Dakota.....	39	64.10	28.21	.....	7.69	26	42.31	53.85	.....	3.85
Ohio.....	885	61.02	29.26	.....	3.28	816	66.06	30.03	.....	1.47
Oklahoma.....	134	61.19	29.85	.....	5.97	116	47.41	50.86	.....	1.72
Oregon.....	148	62.84	35.13	.....	2.03	245	48.79	50.40	.....	.81
Pennsylvania.....	2,743	66.78	28.20	.....	6.91	1,363	50.99	40.35	.....	.31
Rhode Island.....	47	57.45	25.58	2.13	14.89	11	45.45	36.36	.....	18.18
South Carolina.....	166	57.23	33.78	.....	7.83	44	81.82	15.91	.....	2.27
South Dakota.....	42	47.62	50.00	.....	2.38	26	20.00	80.00	.....	.....
Tennessee.....	268	71.82	25.97	.....	1.16	173	78.61	19.65	.....	.56
Texas.....	545	57.98	32.48	.....	1.65	360	53.61	36.39	.....	4.17
Utah.....	99	58.59	27.27	.....	14.14	54	61.11	38.89	.....	.....
Vermont.....	36	61.11	27.78	.....	11.11	7	57.14	42.86	.....	.....
Virginia.....	464	60.56	38.68	.....	.86	231	49.33	46.15	.....	1.81
Washington.....	487	69.20	23.00	.....	7.69	358	66.39	31.84	.....	1.96
West Virginia.....	92	53.26	43.48	.....	2.17	78	53.42	46.58	.....	.....
Wisconsin.....	101	69.31	23.75	.....	5.94	67	50.75	40.30	.....	3.96
Wyoming.....	56	71.43	21.43	.....	7.14	24	33.33	45.83	.....	16.66
State not specified...	3,857	71.00	20.49	.03	6.88	965	67.94	25.43	.....	6.23
Total.....	21,779	64.17	28.09	.05	5.65	11,591	54.63	40.07	.01	3.14



# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 819

TABLE X.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	December, 1917.					January, 1918.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	243	86.01	13.58	.....	0.41	369	56.84	31.44	.....	10.30
Alaska.....	.....	.....	.....	.....	.....	1	100.00	.....	.....	.....
Arizona.....	61	54.10	39.85	.....	3.28	200	66.51	23.50	1.50	4.50
Arkansas.....	209	66.51	31.56	.....	1.44	818	77.51	12.10	.87	6.11
California.....	1,098	26.87	69.76	.....	2.91	1,434	56.07	37.03	1.88	3.70
Colorado.....	97	35.06	61.86	.....	1.03	477	62.47	32.91	.21	3.14
Connecticut.....	579	72.54	26.08	.....	.69	128	62.50	33.59	.78	2.34
Delaware.....	49	57.15	18.37	.....	4.08	63	50.00	46.78	.....	1.61
District of Columbia.....	201	90.05	7.46	.....	1.99	113	77.88	13.28	.....	.....
Florida.....	66	74.25	21.21	.....	.....	306	60.00	31.15	.....	3.98
Georgia.....	485	65.36	34.02	.....	.41	733	68.76	21.28	.14	6.41
Idaho.....	128	61.11	38.10	.....	.79	286	66.42	26.91	2.45	3.85
Illinois.....	1,320	57.43	41.97	.....	.53	441	38.52	57.14	.23	3.40
Indiana.....	549	73.04	25.68	.....	.36	2,119	71.46	25.29	.05	3.21
Iowa.....	790	72.03	26.84	0.13	.89	4,238	71.76	26.97	.07	1.01
Kansas.....	156	48.72	49.36	.....	1.28	893	62.37	32.70	.33	3.36
Kentucky.....	129	82.17	17.83	.....	.....	940	79.46	15.21	.11	4.57
Louisiana.....	203	54.19	45.32	.....	.49	426	71.36	15.73	.94	9.16
Maine.....	54	27.78	66.67	3.70	.....	208	70.44	22.66	.....	5.91
Maryland.....	216	80.46	18.14	.....	.47	249	73.49	20.88	.80	2.01
Massachusetts.....	1,079	41.43	58.02	.09	.37	873	64.07	30.79	.....	4.00
Michigan.....	1,107	77.78	20.06	.....	1.08	1,162	67.99	27.37	.86	2.93
Minnesota.....	850	66.59	32.59	.....	.82	3,293	71.64	26.91	.....	1.21
Mississippi.....	107	71.03	28.04	.....	.....	1,211	73.33	16.84	.25	6.36
Missouri.....	703	74.40	23.47	.14	.85	1,941	60.02	34.68	.....	4.88
Montana.....	420	67.86	30.96	.....	1.19	447	59.51	34.45	2.68	2.91
Nebraska.....	125	51.85	45.93	.74	.74	978	62.17	33.03	.....	4.50
Nevada.....	28	28.57	71.43	.....	.....	46	50.00	30.44	4.35	10.87
New Hampshire.....	80	37.50	60.00	.....	2.50	120	80.77	15.38	.....	2.31
New Jersey.....	422	41.23	56.87	.....	1.66	2,085	73.76	23.12	.68	2.16
New Mexico.....	126	68.80	28.00	.....	3.20	98	72.45	16.33	.....	9.18
New York.....	2,801	43.73	54.87	.07	1.21	4,494	68.63	28.37	.20	1.91
North Carolina.....	96	68.75	27.08	.....	4.17	818	70.66	26.53	.....	1.59
North Dakota.....	54	62.96	36.19	.....	1.85	425	72.94	24.47	.24	.94
Ohio.....	606	70.22	28.92	.....	.....	1,068	63.86	32.77	.....	1.78
Oklahoma.....	444	46.62	50.45	.....	2.25	2,324	68.33	28.96	.22	1.64
Oregon.....	607	69.96	38.55	.16	.33	559	60.47	33.45	3.04	2.15
Pennsylvania.....	1,402	52.57	43.44	.14	.43	1,337	64.10	31.43	.15	2.84
Rhode Island.....	51	19.61	80.39	.....	.....	369	75.34	22.77	.27	1.08
South Carolina.....	99	79.80	19.19	.....	.....	292	66.78	31.51	.....	1.03
South Dakota.....	71	74.65	25.35	.....	.....	297	57.91	39.06	.34	2.69
Tennessee.....	328	83.72	15.68	.....	.....	423	69.27	19.86	.....	5.91
Texas.....	709	67.28	28.25	.....	1.83	2,263	62.13	33.98	.09	1.94
Utah.....	138	68.84	30.44	.....	.72	301	63.79	30.57	2.99	2.66
Vermont.....	14	21.43	78.57	.....	.....	73	69.86	27.40	.....	2.74
Virginia.....	286	69.92	26.22	.....	1.75	315	63.49	32.70	.....	.95
Washington.....	808	61.14	38.24	.....	.59	849	58.95	35.00	2.21	2.90
West Virginia.....	122	63.11	35.26	.82	.82	1,386	50.36	46.46	.29	2.31
Wisconsin.....	147	66.66	30.61	.....	2.04	1,382	68.10	27.93	.22	2.97
Wyoming.....	7	14.29	85.71	.....	.....	160	61.88	35.00	1.87	1.25
State not specified.....	790	68.48	25.70	.....	5.44	1,643	66.65	27.33	.73	4.69
Total.....	21,455	59.16	38.90	.06	1.16	47,488	66.88	28.80	.39	2.88

# 820 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE X.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

Table showing percentages. Not including men accepted with defect for operation and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num- ber of men ac- cepted by local boards as qual- ified without defects.	Results of examinations at mobilization camps.				Num- ber of men ac- cepted by local boards as qual- ified without defects.	Results of examinations at mobilization camps.			
		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.
Alabama.....	2,572	62.33	29.90	0.04	5.83	1,169	62.10	29.26	0.09	5.96
Alaska.....	7	42.86	57.14	.....	.....	54	33.89	61.11	.....	.....
Arizona.....	197	72.09	19.80	.....	3.55	134	62.69	26.87	.75	6.73
Arkansas.....	1,681	77.76	12.67	.36	7.85	555	72.08	18.74	.90	5.85
California.....	3,110	55.06	37.85	2.32	3.54	2,367	54.42	39.42	2.32	2.70
Colorado.....	845	61.78	33.14	.12	4.14	236	54.24	42.37	.42	2.12
Connecticut.....	1,512	62.57	31.22	.....	5.16	828	64.86	31.52	.....	2.42
Delaware.....	325	54.46	41.85	.31	3.08	212	74.06	22.64	.....	2.36
District of Columbia.....	465	71.61	25.16	.22	.43	160	73.13	20.00	.62	.62
Florida.....	742	53.90	33.29	.27	3.64	374	59.09	35.03	.....	3.21
Georgia.....	5,624	63.94	20.41	.23	3.59	1,531	66.04	21.49	.46	9.87
Idaho.....	416	62.50	31.97	1.44	3.13	84	59.52	32.14	4.76	3.57
Illinois.....	17,087	63.93	33.28	.16	2.10	4,353	52.79	44.31	.23	2.07
Indiana.....	4,449	63.78	28.07	.13	2.61	877	69.78	28.05	.11	2.06
Iowa.....	3,477	69.09	29.16	.17	1.35	650	55.23	42.46	.15	1.06
Kansas.....	1,140	55.18	38.95	.35	5.00	417	54.20	39.33	.24	5.75
Kentucky.....	3,146	80.24	16.08	.03	3.56	1,171	71.23	23.57	.09	4.95
Louisiana.....	2,270	74.40	14.40	.88	7.84	1,085	72.08	15.85	.18	3.21
Maine.....	408	70.10	26.72	.....	1.23	128	57.81	35.94	.78	2.34
Maryland.....	764	72.00	26.05	.52	.92	628	74.84	21.82	.80	.64
Massachusetts.....	2,787	66.42	27.77	.04	4.52	1,334	66.72	23.86	.07	3.00
Michigan.....	5,952	63.86	29.28	.84	5.09	2,003	65.35	25.93	1.19	6.15
Minnesota.....	6,790	73.14	25.04	.06	1.28	1,439	70.33	27.31	.07	1.95
Mississippi.....	2,105	70.98	18.77	.81	7.74	522	64.56	22.80	2.11	3.92
Missouri.....	3,965	57.86	36.29	.38	5.09	965	57.10	37.41	.31	4.87
Montana.....	1,027	59.59	36.52	1.07	1.85	332	54.22	39.46	3.31	2.41
Nebraska.....	1,104	61.32	32.06	.63	5.43	293	49.83	43.35	1.71	5.12
Nevada.....	124	62.90	33.87	.81	1.61	48	37.50	58.33	2.08	2.05
New Hampshire.....	420	70.72	24.76	.48	3.81	124	60.49	37.90	.81	.62
New Jersey.....	7,534	72.48	24.13	.41	2.30	1,829	69.16	28.37	.33	1.56
New Mexico.....	278	66.55	25.18	.....	6.12	109	72.48	22.94	.....	4.59
New York.....	13,856	67.66	29.39	.17	1.87	4,583	60.79	35.74	.44	1.42
North Carolina.....	3,020	62.68	34.40	.....	1.39	839	55.66	40.40	.....	1.91
North Dakota.....	1,739	70.43	27.34	.....	1.73	388	70.62	27.32	.....	1.55
Ohio.....	9,046	61.10	36.26	.03	2.20	4,345	65.16	32.31	.02	2.12
Oklahoma.....	2,114	69.88	27.34	.19	1.75	928	54.53	42.89	.22	1.72
Oregon.....	430	60.93	33.49	3.02	2.09	264	62.12	31.82	2.27	3.03
Pennsylvania.....	12,745	64.60	31.76	.26	2.06	4,759	64.55	32.11	.61	1.37
Rhode Island.....	537	75.04	20.11	.74	2.79	89	74.15	19.10	.....	5.62
South Carolina.....	1,603	66.81	30.44	.06	1.25	208	66.85	27.89	.....	2.96
South Dakota.....	498	61.05	35.74	.20	2.21	180	57.22	42.22	.....	.16
Tennessee.....	2,182	72.18	20.49	.14	3.67	471	70.70	20.81	.....	6.53
Texas.....	4,524	61.85	34.68	.13	1.72	1,331	66.26	30.50	.23	1.30
Utah.....	598	58.53	36.46	1.67	1.84	92	64.13	32.61	.....	2.17
Vermont.....	418	72.01	21.05	.24	6.22	109	77.06	21.10	.....	.92
Virginia.....	1,491	59.95	36.82	.27	1.81	605	58.34	33.02	.50	2.64
Washington.....	988	61.44	33.50	2.43	1.92	509	51.28	45.19	1.33	.96
West Virginia.....	1,989	56.76	39.77	.15	2.61	431	58.93	37.12	1.16	1.96
Wisconsin.....	3,564	68.62	28.40	.20	2.27	861	69.80	26.13	.58	2.90
Wyoming.....	276	55.80	40.58	.72	2.54	61	47.54	45.91	.....	4.92
State not specified..	4,202	66.51	23.17	.48	3.86	1,457	65.34	29.58	.48	3.02
Total.....	148,193	66.10	29.56	.32	3.04	49,121	62.83	32.45	.52	3.61

TABLE X.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	April and May, 1918.					Total June, 1917, to May, 1918.				
	Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	283	77.73	14.84	0.35	4.24	12,148	68.92	24.51	0.02	5.84
Alaska.....	8	50.00	50.00			78	43.59	55.13		
Arizona.....	51	54.90	35.29		3.92	3,129	73.19	22.12	.35	2.59
Arkansas.....	282	66.32	27.30	.36	5.32	7,981	76.96	16.46	.19	4.52
California.....	641	46.80	49.61	1.56	.94	27,416	61.75	29.10	.65	7.93
Colorado.....	84	40.47	55.95		2.38	5,359	64.60	32.49	.09	2.09
Connecticut.....	389	55.27	39.85	.26	3.34	10,684	66.74	22.79	.06	8.18
Delaware.....	43	67.44	27.91		2.33	1,406	63.01	30.94	.07	4.84
District of Columbia.....	75	78.67	16.00		2.68	1,871	71.94	24.75	.11	1.02
Florida.....	78	51.29	41.08		5.13	4,250	60.85	26.73	.07	7.36
Georgia.....	907	67.03	22.82		7.94	15,529	67.63	25.93	.14	4.95
Idaho.....	42	64.29	35.71			3,170	69.43	23.06	.54	6.78
Illinois.....	1,613	48.04	49.35	.12	1.67	50,830	67.84	28.29	.10	3.10
Indiana.....	374	60.16	38.50		.80	18,779	72.96	22.95	.11	3.14
Iowa.....	414	48.07	50.97		.24	15,795	72.76	24.72	.09	2.00
Kansas.....	239	40.17	51.88		7.53	7,439	69.19	27.60	.16	2.51
Kentucky.....	241	76.76	18.67		4.15	13,279	77.29	16.88	.09	4.99
Louisiana.....	251	70.52	18.72	.80	9.96	9,933	73.14	18.55	.30	5.93
Maine.....	78	50.00	48.72		1.28	2,627	66.92	22.50	.11	9.29
Maryland.....	294	59.18	37.08		1.70	7,123	65.34	33.31	.15	.60
Massachusetts.....	534	55.80	39.14		1.12	21,626	66.87	23.34	.06	8.80
Michigan.....	1,000	58.00	35.00	.20	6.00	33,176	74.72	16.86	.28	7.44
Minnesota.....	982	71.59	25.46	.20	1.93	22,114	73.37	23.90	.04	2.83
Mississippi.....	225	74.67	16.89	.89	6.67	6,986	69.93	18.59	.47	6.21
Missouri.....	516	45.74	50.20	.39	3.49	18,972	64.02	32.27	.24	2.95
Montana.....	180	42.78	55.00	1.67	.56	9,523	67.99	24.49	.41	6.81
Nebraska.....	201	47.27	48.26		3.98	8,564	72.73	24.33	.19	2.31
Nevada.....	28	46.43	50.00		3.57	1,129	65.01	26.84	.35	7.53
New Hampshire.....	39	56.41	43.60			1,782	69.30	21.27	.17	7.97
New Jersey.....	865	60.35	38.03	.35	.81	24,370	70.00	24.87	.23	4.50
New Mexico.....	70	71.43	21.43		5.71	2,345	66.10	25.59	.04	2.73
New York.....	1,982	45.51	51.62	.35	1.06	68,707	66.09	28.08	.10	4.98
North Carolina.....	368	53.53	38.32	.27	6.79	11,436	62.92	33.34	.01	2.24
North Dakota.....	134	53.73	44.78		1.49	5,236	70.36	26.43	.02	2.64
Ohio.....	1,344	65.70	30.13	.22	3.27	39,788	67.83	27.43	.02	2.33
Oklahoma.....	378	35.19	61.64		.79	16,461	70.49	26.08	.07	2.12
Oregon.....	93	58.06	40.86	1.08		3,151	61.82	33.42	1.21	3.24
Pennsylvania.....	2,218	59.20	38.01	.63	.68	61,469	69.13	27.50	.14	1.31
Rhode Island.....	29	72.42	17.24		6.90	2,874	66.04	23.24	.21	9.57
South Carolina.....	121	63.63	23.14		12.45	7,413	68.26	24.70	.01	6.12
South Dakota.....	102	43.14	50.98		4.90	3,115	72.29	25.87	.10	1.32
Tennessee.....	194	73.20	19.07		3.09	11,698	72.69	24.48	.03	1.33
Texas.....	548	68.80	27.37	.18	1.46	28,542	68.82	24.76	.05	2.47
Utah.....	45	60.00	33.33		2.22	3,348	67.53	24.55	.57	6.90
Vermont.....	5	60.00	40.00			1,516	68.87	24.27	.07	6.46
Virginia.....	256	57.82	38.67	.39	1.17	14,404	52.65	44.97	.06	1.81
Washington.....	317	52.05	46.37	.63	.63	10,451	66.27	26.62	.50	6.28
West Virginia.....	199	56.28	41.20	.50	.50	9,940	63.28	33.50	.15	1.99
Wisconsin.....	206	61.65	33.01	.97	2.43	13,914	74.42	20.51	.13	4.46
Wyoming.....	45	53.33	35.55	8.89	2.22	1,440	65.49	27.36	.62	6.04
State not specified...	625	62.88	32.86	.64	2.72	58,215	72.57	20.90	.09	5.13
Total.....	20,236	57.40	39.44	.36	2.64	742,531	68.79	25.70	.15	4.13

# 322 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XI.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp.

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	June, July, and August, 1917.					September, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	864	410	388	.....	50	264	99	158	.....	6
Alaska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona.....	245	125	111	2	5	74	39	35	.....	.....
Arkansas.....	428	230	163	.....	21	82	33	40	.....	2
California.....	2,439	990	1,017	.....	421	598	207	291	.....	96
Colorado.....	358	165	178	1	10	53	25	27	.....	1
Connecticut.....	940	374	365	1	184	106	31	58	.....	15
Delaware.....	81	28	43	.....	10	23	6	17	.....	.....
District of Columbia.....	146	61	82	.....	3	18	4	13	.....	.....
Florida.....	302	123	129	.....	29	73	27	39	.....	4
Georgia.....	581	336	240	.....	2	189	73	116	.....	.....
Idaho.....	248	102	112	.....	33	41	15	20	.....	6
Illinois.....	3,287	1,581	1,414	4	255	255	62	181	.....	11
Indiana.....	1,187	534	537	2	94	135	54	73	.....	6
Iowa.....	786	443	296	1	45	63	24	39	.....	.....
Kansas.....	503	250	244	.....	8	48	16	32	.....	.....
Kentucky.....	789	362	326	8	85	63	25	30	.....	.....
Louisiana.....	609	335	219	.....	45	73	20	48	.....	3
Maine.....	167	64	60	.....	43	31	10	15	.....	6
Maryland.....	530	198	321	1	9	286	34	251	.....	1
Massachusetts.....	1,694	785	575	2	302	310	112	159	.....	21
Michigan.....	1,752	1,033	452	1	256	392	210	136	.....	46
Minnesota.....	1,121	538	487	1	86	119	34	77	.....	5
Mississippi.....	286	134	82	.....	46	23	9	12	.....	.....
Missouri.....	1,169	451	671	1	42	146	48	95	.....	3
Montana.....	752	327	321	.....	101	89	41	32	.....	15
Nebraska.....	714	274	416	2	20	75	24	50	.....	1
Nevada.....	98	41	45	.....	12	18	5	10	.....	3
New Hampshire.....	98	43	24	.....	28	12	1	6	.....	3
New Jersey.....	1,317	643	499	2	170	98	26	64	.....	.....
New Mexico.....	110	43	53	1	1	46	21	19	.....	1
New York.....	4,883	2,246	2,076	1	519	550	190	295	.....	60
North Carolina.....	983	391	476	.....	107	48	18	24	.....	5
North Dakota.....	296	145	124	.....	25	5	2	3	.....	.....
Ohio.....	3,116	1,510	1,345	.....	169	353	167	160	.....	15
Oklahoma.....	938	521	375	.....	34	51	21	26	.....	3
Oregon.....	67	19	28	.....	20	21	7	12	.....	2
Pennsylvania.....	3,167	1,611	1,389	3	74	648	262	319	.....	10
Rhode Island.....	193	74	85	1	31	33	9	19	.....	.....
South Carolina.....	572	304	175	.....	87	72	26	37	.....	.....
South Dakota.....	287	134	148	.....	4	8	5	2	.....	1
Tennessee.....	701	329	361	.....	10	74	32	42	.....	.....
Texas.....	1,793	889	738	.....	75	284	133	132	.....	11
Utah.....	246	88	107	.....	49	39	11	20	.....	5
Vermont.....	79	18	47	.....	14	8	.....	2	.....	1
Virginia.....	1,181	333	803	.....	40	95	28	64	.....	3
Washington.....	865	347	401	3	114	160	61	75	.....	26
West Virginia.....	659	313	330	.....	8	57	17	37	.....	2
Wisconsin.....	1,032	527	410	.....	93	62	27	31	.....	4
Wyoming.....	124	50	58	.....	16	11	6	5	.....	.....
State not specified....	5,210	2,423	2,193	.....	498	154	52	90	.....	.....
Total.....	49,993	23,295	21,538	38	4,414	6,531	2,409	3,538	.....	45

TABLE XI.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	October, 1917.					November, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	337	92	241	.....	4	267	49	217	.....	1
Alaska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona.....	13	5	7	.....	.....	.....	.....	.....	.....	.....
Arkansas.....	54	28	23	.....	3	76	11	65	.....	.....
California.....	430	126	236	.....	65	253	35	204	1	12
Colorado.....	21	7	13	.....	1	10	4	6	.....	.....
Connecticut.....	60	16	29	.....	11	45	8	34	.....	3
Delaware.....	22	2	20	.....	.....	17	2	15	.....	.....
District of Columbia.....	20	5	15	.....	.....	26	2	23	.....	.....
Florida.....	81	19	54	.....	6	64	18	46	.....	.....
Georgia.....	265	63	199	.....	3	129	18	102	.....	.....
Idaho.....	27	11	12	.....	4	8	3	4	.....	.....
Illinois.....	186	59	119	1	3	422	163	255	.....	2
Indiana.....	130	37	86	1	1	89	33	53	.....	.....
Iowa.....	65	13	51	.....	1	70	6	64	.....	.....
Kansas.....	21	7	13	.....	1	30	6	24	.....	.....
Kentucky.....	27	10	9	3	4	39	9	30	.....	.....
Louisiana.....	61	9	52	.....	.....	50	6	41	.....	2
Maine.....	11	1	9	.....	.....	13	2	11	.....	.....
Maryland.....	241	31	210	.....	.....	244	32	212	.....	.....
Massachusetts.....	222	63	128	.....	28	278	30	243	.....	4
Michigan.....	126	44	72	.....	8	245	62	179	.....	3
Minnesota.....	74	7	66	.....	1	53	9	43	.....	.....
Mississippi.....	31	17	13	.....	.....	9	3	5	.....	.....
Missouri.....	90	18	69	.....	2	166	22	138	1	.....
Montana.....	76	33	29	.....	14	39	22	13	.....	4
Nebraska.....	90	20	69	.....	1	83	5	77	.....	.....
Nevada.....	14	2	12	.....	.....	23	4	19	.....	.....
New Hampshire.....	5	1	2	.....	2	6	1	4	.....	1
New Jersey.....	59	18	34	.....	6	29	3	25	.....	1
New Mexico.....	12	4	7	.....	1	6	2	4	.....	.....
New York.....	385	108	255	.....	18	357	49	294	.....	12
North Carolina.....	28	13	14	.....	1	26	13	12	.....	.....
North Dakota.....	2	1	1	.....	.....	7	1	6	.....	.....
Ohio.....	207	73	109	.....	12	281	70	203	.....	4
Oklahoma.....	45	15	25	.....	4	51	10	41	.....	.....
Oregon.....	22	5	17	.....	.....	34	11	23	.....	.....
Pennsylvania.....	485	139	295	.....	1	509	90	383	.....	.....
Rhode Island.....	20	5	15	.....	.....	21	5	14	.....	.....
South Carolina.....	35	10	25	.....	.....	7	4	3	.....	.....
South Dakota.....	8	4	4	.....	.....	2	1	1	.....	.....
Tennessee.....	63	33	28	.....	1	58	34	24	.....	.....
Texas.....	124	32	86	.....	4	113	32	80	.....	.....
Utah.....	26	9	16	.....	.....	21	5	15	.....	1
Vermont.....	4	1	2	.....	1	.....	.....	.....	.....	.....
Virginia.....	49	10	39	.....	.....	105	7	98	.....	.....
Washington.....	75	27	38	.....	10	42	10	26	.....	6
West Virginia.....	29	6	22	.....	1	24	2	22	.....	.....
Wisconsin.....	36	13	21	.....	2	60	23	34	.....	3
Wyoming.....	9	1	6	.....	2	.....	.....	.....	.....	.....
State not specified....	401	157	227	.....	3	115	37	64	.....	14
Total.....	4,924	1,430	3,144	5	230	4,613	974	3,499	2	73

# 324 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XI.—*The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.*

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	December, 1917.					January, 1918.				
	Num- ber of men ac- cepted by local boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.				Num- ber of men ac- cepted by local boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.
Alabama.....	151	41	108		2	100	28	73		3
Alaska.....										
Arizona.....	4	1	3			38	14	4		2
Arkansas.....	90	47	43			112	68	28		12
California.....	271	22	242		7	337	105	208	6	15
Colorado.....	31	6	25			85	30	52		2
Connecticut.....	175	34	140		1	46	18	25		2
Delaware.....	25	13	11			2		1		1
District of Columbia.....	150	84	66			26	8	17		
Florida.....	89	36	53			115	36	73		4
Georgia.....	80	28	52			79	37	34		6
Idaho.....	36	7	28		1	57	19	34	2	1
Illinois.....	2,181	1,164	1,004	2	7	450	172	257	1	16
Indiana.....	301	171	129		1	306	132	158		16
Iowa.....	196	102	94			488	234	246		7
Kansas.....	87	50	37			152	47	96	6	1
Kentucky.....	45	28	14		3	122	67	51		4
Louisiana.....	105	7	98			94	49	41		4
Maine.....	18	1	15			45	18	24		3
Maryland.....	203	109	84		1	85	39	46		
Massachusetts.....	1,611	458	1,149		3	281	80	190		9
Michigan.....	317	104	204		5	193	72	107	4	9
Minnesota.....	132	49	82		1	423	177	239	1	8
Mississippi.....	10	7	3			137	71	41		18
Missouri.....	455	245	203		4	310	113	170	2	29
Montana.....	69	42	26		1	91	29	52	5	5
Nebraska.....	108	39	68			137	47	78		11
Nevada.....	5		5			12	3	8		1
New Hampshire.....	15	5	10			26	13	11		2
New Jersey.....	39	9	30			273	141	115	1	13
New Mexico.....	12	7	4		1	12	10	2		
New York.....	758	154	598		4	865	357	465	3	30
North Carolina.....	20	11	8		1	109	44	63		
North Dakota.....	16	6	10			48	18	29		1
Ohio.....	284	104	172		2	227	108	114		7
Oklahoma.....	18	3	12		2	202	98	96		7
Oregon.....	31	15	16			69	16	47	4	2
Pennsylvania.....	495	154	329		1	259	84	168	1	3
Rhode Island.....	136	47	85	1	1	94	44	43		4
South Carolina.....	5	2	3			28	14	14		
South Dakota.....	10	3	6		1	63	22	40		1
Tennessee.....	106	85	20		1	85	45	36		3
Texas.....	208	79	123		2	263	96	151		7
Utah.....	157	56	100		1	80	28	50	1	1
Vermont.....	1		1			24	7	16	1	
Virginia.....	92	16	76			40	6	31		3
Washington.....	55	21	29		4	131	55	58	9	8
West Virginia.....	30	15	15			210	75	125	2	6
Wisconsin.....	324	184	138		2	218	85	123	2	7
Wyoming.....						35	5	25	4	
State not specified.....	139	50	77		8	234	93	122	5	13
Total.....	9,896	3,921	5,848	3	68	7,927	3,177	4,297	60	315



TABLE XI.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	466	150	260	1	45	274	81	174	.....	15
Alaska.....	2	1	1	.....	.....	8	7	.....	.....	.....
Arizona.....	39	14	16	1	2	21	5	13	2	.....
Arkansas.....	249	155	61	1	26	117	68	37	1	7
California.....	753	225	437	39	36	669	172	430	29	30
Colorado.....	131	47	76	1	7	62	21	38	.....	3
Connecticut.....	302	115	169	.....	13	162	65	89	.....	7
Delaware.....	38	6	31	.....	1	25	9	12	1	2
District of Columbia.....	126	64	53	.....	7	43	16	24	.....	2
Florida.....	162	51	100	.....	4	151	44	99	1	4
Georgia.....	892	389	383	3	95	247	99	96	.....	49
Idaho.....	96	26	58	4	3	56	29	27	.....	.....
Illinois.....	2,470	924	1,440	5	85	830	262	544	.....	18
Indiana.....	607	247	331	6	20	187	78	97	2	10
Iowa.....	532	211	311	.....	10	150	55	93	1	1
Kansas.....	209	56	128	3	21	88	19	64	1	4
Kentucky.....	388	216	154	.....	17	181	65	97	.....	18
Louisiana.....	374	245	85	4	28	254	139	99	.....	10
Maine.....	79	29	49	.....	1	27	9	17	.....	1
Maryland.....	137	62	73	1	.....	85	39	46	.....	.....
Massachusetts.....	615	222	348	.....	37	381	133	227	3	11
Michigan.....	1,127	418	592	17	94	611	240	308	7	55
Minnesota.....	922	426	462	2	23	262	106	150	.....	5
Mississippi.....	315	170	101	3	36	80	39	27	.....	13
Missouri.....	691	235	404	9	39	245	67	170	2	5
Montana.....	207	59	134	5	6	81	25	48	6	2
Nebraska.....	192	57	119	1	15	102	32	63	1	6
Nevada.....	30	4	23	2	.....	14	4	8	.....	1
New Hampshire.....	83	39	40	1	3	19	7	12	.....	.....
New Jersey.....	994	465	483	8	30	263	100	149	3	10
New Mexico.....	46	19	18	1	6	22	10	10	1	.....
New York.....	2,551	1,060	1,376	8	83	1,097	372	684	3	27
North Carolina.....	432	169	241	1	11	156	57	97	.....	1
North Dakota.....	245	100	133	1	11	46	23	21	.....	1
Ohio.....	1,749	624	1,045	4	67	959	369	551	.....	34
Oklahoma.....	179	62	103	1	10	92	31	54	.....	4
Oregon.....	70	28	36	2	3	38	14	22	.....	1
Pennsylvania.....	2,058	760	1,195	16	56	868	319	510	9	21
Rhode Island.....	105	41	55	1	7	40	8	29	1	1
South Carolina.....	230	98	124	1	4	24	4	18	.....	2
South Dakota.....	86	18	56	2	10	37	8	26	.....	3
Tennessee.....	356	191	139	.....	18	65	34	26	.....	5
Texas.....	582	206	344	1	13	249	91	147	.....	7
Utah.....	159	64	80	1	9	112	62	46	1	3
Vermont.....	135	68	51	.....	16	39	23	14	1	1
Virginia.....	186	64	116	1	4	73	19	52	2	.....
Washington.....	213	82	115	9	5	114	24	80	4	4
West Virginia.....	269	94	164	.....	7	80	29	50	.....	1
Wisconsin.....	762	330	388	5	34	228	113	106	.....	8
Wyoming.....	56	22	30	1	2	15	4	9	.....	1
State not specified.....	623	224	351	9	34	237	100	117	5	9
Total.....	24,320	9,652	13,082	182	1,114	10,286	3,749	5,927	87	423

# 326 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XI.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	April and May, 1918.					Total June, 1917, to May, 1918.				
	Num- ber of men ac- cepted by local boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.				Num- ber of men ac- cepted by local boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.
Alabama.....	155	45	106		4	2,887	995	1,725	1	14
Alaska.....						10	8	1		
Arizona.....	4	3				438	206	189	5	9
Arkansas.....	52	18	30	2	2	1,260	658	490	4	74
California.....	329	54	259	11	4	6,079	1,936	3,324	86	68
Colorado.....	30	7	22	1		781	312	437	3	21
Connecticut.....	32	14	15		3	1,868	675	924	1	28
Delaware.....	1		1			234	66	151	1	14
District of Columbia.....	14	8	6			569	252	299		12
Florida.....	172	69	103			1,209	423	696	1	51
Georgia.....	153	54	79	1	18	2,606	1,097	1,301	4	175
Idaho.....	102	57	43		1	671	269	338	6	49
Illinois.....	677	171	490	6	8	10,758	4,558	5,704	19	405
Indiana.....	137	42	92	1	1	3,079	1,328	1,556	12	149
Iowa.....	161	40	121			2,511	1,128	1,314	2	64
Kansas.....	83	15	60	2	6	1,221	466	698	12	41
Kentucky.....	79	54	24		1	1,733	836	735	11	139
Louisiana.....	185	41	139	1	1	1,805	851	822	5	25
Maine.....	23	5	17			414	139	217		54
Maryland.....	47	19	25	1	1	1,858	563	1,268	3	12
Massachusetts.....	257	74	165	3	3	5,649	1,957	3,184	8	428
Michigan.....	375	118	219	2	35	5,138	2,301	2,269	31	512
Minnesota.....	187	70	105		11	3,298	1,416	1,711	4	143
Mississippi.....	64	35	21	1	5	955	485	305	4	115
Missouri.....	334	95	233		6	3,606	1,294	2,153	15	121
Montana.....	47	15	30			1,451	593	685	16	142
Nebraska.....	157	30	123		4	1,658	528	1,063	4	56
Nevada.....	16	2	14			230	65	144	2	17
New Hampshire.....	10	3	7			274	113	116	1	41
New Jersey.....	163	52	109		2	3,235	1,457	1,508	14	239
New Mexico.....	10	4	6			276	120	123	3	19
New York.....	721	194	489	3	11	12,162	4,730	6,532	18	764
North Carolina.....	58	27	30	1		1,860	743	965	2	136
North Dakota.....	17	7	9		1	682	303	336	1	39
Ohio.....	438	183	241		14	7,614	3,208	3,940	4	325
Oklahoma.....	30	13	15		2	1,608	774	747	1	66
Oregon.....	19	7	12			371	122	213	6	28
Pennsylvania.....	640	204	417	4	8	9,129	3,623	5,005	33	176
Rhode Island.....	34	16	18			676	249	363	4	49
South Carolina.....	20	10	7		3	993	472	406	1	164
South Dakota.....	20	2	18			521	197	301	2	30
Tennessee.....	58	35	19		2	1,566	818	695		40
Texas.....	149	45	92	3	5	3,765	1,603	1,893	4	124
Utah.....	194	119	74	1		1,034	442	508	4	72
Vermont.....	4	3	1			289	120	134	2	33
Virginia.....	29	10	19			1,850	493	1,298	3	50
Washington.....	38	9	27	2		1,693	636	849	27	173
West Virginia.....	58	26	29	1		1,414	577	794	3	25
Wisconsin.....	115	39	73		3	2,837	1,341	1,324	7	156
Wyoming.....	10		10			260	88	143	5	21
State not specified.....	150	56	85		7	7,263	3,192	3,326	19	594
Total.....	6,856	2,219	4,349	47	172	125,346	50,826	65,222	424	7,254



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 327

TABLE XII.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp.

Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.)

States.	June, July, and August, 1917.					September, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	864	47.45	44.91	.....	6.83	264	37.50	59.85	.....	2.27
Alaska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona.....	245	51.02	45.31	0.82	2.04	74	52.70	47.30	.....	.....
Arkansas.....	428	53.74	38.08	.....	4.91	82	40.25	48.78	.....	3.66
California.....	2,439	40.59	41.70	.....	17.26	598	34.62	48.66	.....	15.55
Colorado.....	358	46.09	49.72	.28	2.79	53	47.17	50.94	.....	1.89
Connecticut.....	940	39.79	38.83	.11	19.57	106	29.25	54.72	.....	14.15
Delaware.....	81	34.57	53.09	.....	12.35	23	26.09	73.91	.....	.....
District of Columbia.....	146	41.78	56.16	.....	2.06	18	22.22	72.22	.....	.....
Florida.....	302	40.73	42.72	.....	9.60	73	36.99	53.43	.....	5.48
Georgia.....	581	57.84	41.31	.....	.34	189	38.62	61.38	.....	.....
Idaho.....	248	41.13	45.16	.....	13.31	41	36.59	48.78	.....	14.64
Illinois.....	3,287	48.10	43.02	.12	7.76	255	24.31	70.99	.....	4.31
Indiana.....	1,187	44.99	45.24	.17	7.92	135	40.00	54.07	.....	4.44
Iowa.....	786	56.36	37.53	.13	5.72	63	38.10	61.90	.....	.....
Kansas.....	503	49.70	48.51	.....	1.59	48	33.33	66.67	.....	.....
Kentucky.....	789	45.88	41.32	1.01	10.77	63	39.68	47.62	.....	11.11
Louisiana.....	609	55.01	35.96	.....	7.39	73	27.40	65.76	.....	6.86
Maine.....	167	38.32	35.93	.....	25.75	31	32.26	48.39	.....	19.36
Maryland.....	530	37.35	60.56	.19	1.70	286	11.89	87.76	.....	.35
Massachusetts.....	1,694	46.34	33.94	.12	17.83	310	36.13	51.30	.....	10.00
Michigan.....	1,752	58.96	25.80	.06	14.73	392	53.58	34.70	.....	11.73
Minnesota.....	1,121	48.00	43.44	.09	7.67	119	28.57	64.70	.....	6.72
Mississippi.....	286	46.85	28.67	.....	16.06	23	39.13	52.18	.....	.....
Missouri.....	1,169	38.58	57.40	.09	3.59	146	32.83	65.08	.....	2.05
Montana.....	752	43.49	42.69	.....	13.43	89	46.07	35.95	.....	16.85
Nebraska.....	714	38.38	58.26	.28	2.80	75	32.00	66.66	.....	1.33
Nevada.....	98	41.84	45.92	.....	12.25	18	27.78	55.56	.....	16.67
New Hampshire.....	98	43.88	24.49	.....	28.57	12	8.33	50.00	.....	41.67
New Jersey.....	1,317	48.82	37.89	.15	12.91	98	26.53	65.30	.....	7.14
New Mexico.....	110	39.09	48.18	.91	.91	46	45.65	41.30	.....	2.17
New York.....	4,883	46.00	42.52	.02	10.63	550	34.55	53.64	.....	10.91
North Carolina.....	983	39.78	48.43	.....	10.89	48	37.50	50.00	.....	10.42
North Dakota.....	296	48.99	41.90	.....	8.45	5	40.00	60.00	.....	.....
Ohio.....	3,116	48.47	43.17	.....	5.42	353	47.82	45.33	.....	5.10
Oklahoma.....	938	55.54	39.98	.....	3.62	51	41.18	50.98	.....	5.88
Oregon.....	67	28.36	41.79	.....	29.85	21	33.33	57.14	.....	9.52
Pennsylvania.....	3,167	50.87	43.86	.09	2.34	648	40.43	49.23	.....	1.54
Rhode Island.....	193	38.35	44.05	.52	16.06	33	27.27	57.58	.....	15.15
South Carolina.....	572	53.15	30.60	.....	15.21	72	36.11	51.40	.....	11.11
South Dakota.....	287	46.69	51.58	.....	1.39	8	62.50	25.00	.....	12.50
Tennessee.....	701	46.93	51.50	.....	1.43	74	43.25	56.76	.....	.....
Texas.....	1,793	49.59	41.16	.....	4.18	284	46.83	46.48	.....	3.87
Utah.....	246	35.77	43.50	.....	19.91	39	28.20	51.28	.....	20.51
Vermont.....	79	22.79	59.50	.....	17.72	3	.....	66.67	.....	33.33
Virginia.....	1,181	28.20	68.00	.....	3.39	95	29.48	67.37	.....	3.16
Washington.....	865	40.11	46.36	.35	13.18	160	38.13	46.88	.....	15.00
West Virginia.....	659	47.50	50.08	.....	1.21	57	29.83	64.92	.....	3.51
Wisconsin.....	1,032	51.06	39.73	.....	9.01	62	43.55	50.00	.....	6.45
Wyoming.....	124	40.32	46.78	.....	12.90	11	54.54	45.45	.....	.....
State not specified.....	5,210	46.51	42.09	.....	9.56	154	33.77	58.44	.....	5.19
Total.....	49,993	46.60	43.08	.08	8.83	6,531	36.89	54.02	.....	7.00

328 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XII.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	October, 1917.					November, 1917.				
	Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	337	27.30	71.52	.....	1.19	267	18.35	81.28	.....	0.36
Alaska.....				.....					.....	
Arizona.....	13	38.26	53.84	.....					.....	
Arkansas.....	54	51.85	42.60	.....	5.56	76	14.47	85.53	.....	
California.....	430	29.30	54.88	.....	15.12	253	13.83	80.63	0.40	4.74
Colorado.....	21	33.33	61.90	.....	4.76	10	40.00	60.00	.....	
Connecticut.....	60	26.67	48.33	.....	18.33	45	17.78	75.55	.....	6.67
Delaware.....	22	9.09	90.91	.....		17	11.76	88.24	.....	
District of Columbia.....	20	25.00	75.00	.....		26	7.69	88.46	.....	
Florida.....	81	23.46	66.67	.....	7.41	64	28.13	71.88	.....	
Georgia.....	265	23.77	75.10	.....	1.13	120	15.00	85.00	.....	
Idaho.....	27	40.74	44.44	.....	14.81	8	37.50	50.00	.....	
Illinois.....	186	31.72	63.99	0.54	1.61	422	38.63	60.43	.....	.47
Indiana.....	130	28.46	66.16	.77	.77	89	37.08	59.55	.....	
Iowa.....	65	20.00	78.46	.....	1.54	70	8.57	91.44	.....	
Kansas.....	21	33.33	61.91	.....	4.76	30	20.00	80.00	.....	
Kentucky.....	27	37.04	33.33	11.11	14.81	39	23.08	76.93	.....	
Louisiana.....	61	14.75	85.25	.....		50	12.00	82.00	.....	4.00
Maine.....	11	9.09	81.82	.....		13	15.38	84.61	.....	
Maryland.....	241	12.86	87.14	.....		244	13.12	86.88	.....	
Massachusetts.....	222	28.38	57.66	.....	12.61	278	10.79	87.42	.....	1.44
Michigan.....	126	34.92	57.14	.....	6.35	245	25.30	73.06	.....	1.22
Minnesota.....	74	9.46	89.20	.....	1.35	53	16.98	81.13	.....	
Mississippi.....	31	54.84	41.94	.....		9	33.33	55.55	.....	
Missouri.....	90	20.00	76.66	.....	2.22	166	13.25	83.14	.60	
Montana.....	76	43.42	38.16	.....	18.42	39	56.41	33.34	.....	10.26
Nebraska.....	90	22.22	76.66	.....	1.11	83	6.02	92.76	.....	
Nevada.....	14	14.28	85.71	.....		23	17.39	82.60	.....	
New Hampshire.....	5	20.00	40.00	.....	40.00	6	16.67	66.67	.....	16.67
New Jersey.....	59	30.51	57.63	.....	10.17	29	10.35	86.21	.....	3.45
New Mexico.....	12	33.33	58.34	.....	8.33	6	33.33	66.67	.....	
New York.....	385	28.05	66.23	.....	4.68	357	13.73	82.35	.....	3.36
North Carolina.....	28	46.43	50.00	.....	3.57	26	50.00	46.15	.....	
North Dakota.....	2	50.00	50.00	.....		7	14.29	85.72	.....	
Ohio.....	207	35.27	52.66	.....	5.80	281	24.91	72.24	.....	1.42
Oklahoma.....	45	33.33	55.56	.....	8.89	51	19.61	80.40	.....	
Oregon.....	22	22.73	77.28	.....		34	32.36	67.65	.....	
Pennsylvania.....	485	28.66	60.83	.....	.21	509	17.68	75.24	.....	
Rhode Island.....	20	25.00	75.00	.....		21	23.81	66.67	.....	
South Carolina.....	35	28.57	71.42	.....		7	57.15	42.86	.....	
South Dakota.....	8	50.00	50.00	.....		2	50.00	50.00	.....	
Tennessee.....	63	52.38	44.45	.....	1.59	58	58.62	41.38	.....	
Texas.....	124	25.81	69.36	.....	3.26	113	28.32	70.90	.....	
Utah.....	26	34.62	61.54	.....		21	23.81	71.43	.....	4.76
Vermont.....	4	25.00	50.00	.....	25.00				.....	
Virginia.....	49	20.41	79.59	.....		105	6.67	93.33	.....	
Washington.....	75	36.00	50.67	.....	13.33	42	23.81	61.90	.....	14.29
West Virginia.....	29	20.69	75.86	.....	3.45	24	8.33	91.66	.....	
Wisconsin.....	36	36.11	58.34	.....	5.56	60	38.33	56.67	.....	5.00
Wyoming.....	9	11.11	66.66	.....	22.22				.....	
State not specified.....	401	39.15	56.61	.....	.75	115	32.18	55.65	.....	12.17
Total.....	4,924	29.04	63.85	.10	4.67	4,618	21.11	75.85	.04	1.58

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 329

TABLE XII.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	December, 1917.					January, 1918.				
	Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	151	27.15	71.52	.....	1.32	109	25.69	66.97	.....	7.34
Alaska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona.....	4	25.00	75.00	.....	.....	38	36.84	10.53	.....	5.26
Arkansas.....	90	52.21	47.78	.....	.....	112	60.71	25.00	.....	10.71
California.....	271	8.12	89.30	.....	2.58	337	31.16	61.72	1.78	4.45
Colorado.....	31	19.36	80.65	.....	.....	85	35.29	61.18	.....	2.35
Connecticut.....	175	19.43	80.00	.....	.57	46	39.13	54.35	.....	4.35
Delaware.....	25	52.00	44.00	.....	.....	2	.....	50.00	.....	50.00
District of Columbia.....	150	56.00	44.00	.....	.....	26	30.77	65.39	.....	.....
Florida.....	89	40.45	59.55	.....	.....	115	31.31	63.48	.....	3.48
Georgia.....	80	35.00	65.00	.....	.....	79	46.83	43.04	.....	10.13
Idaho.....	36	19.45	77.78	.....	2.78	57	33.34	59.65	3.51	1.75
Illinois.....	2,181	53.37	46.03	0.09	.32	450	38.22	57.11	.22	3.56
Indiana.....	301	56.81	42.86	.....	.33	306	43.14	51.63	.....	5.23
Iowa.....	196	52.04	47.96	.....	.....	488	47.96	50.41	.....	1.43
Kansas.....	87	57.47	42.53	.....	.....	152	30.92	63.16	3.95	.66
Kentucky.....	45	62.22	31.11	.....	6.67	122	54.91	41.80	.....	3.28
Louisiana.....	105	6.67	93.34	.....	.....	94	52.13	43.62	.....	4.26
Maine.....	18	5.56	83.34	.....	.....	45	40.00	53.33	.....	6.67
Maryland.....	203	53.70	41.38	.....	.49	85	45.88	54.12	.....	.....
Massachusetts.....	1,611	28.43	71.32	.....	.19	281	28.47	67.62	.....	3.20
Michigan.....	317	32.81	64.36	.....	1.58	193	37.31	55.45	2.97	4.66
Minnesota.....	132	37.12	62.12	.....	.76	423	41.35	55.84	.23	1.87
Mississippi.....	10	70.00	30.00	.....	.....	137	51.83	29.93	.....	13.14
Missouri.....	455	53.85	44.62	.....	.88	310	36.45	54.84	.65	6.45
Montana.....	69	60.87	37.68	.....	1.45	91	31.87	57.15	5.49	5.49
Nebraska.....	108	36.11	62.96	.....	.....	137	34.31	56.93	.....	8.06
Nevada.....	5	.....	100.00	.....	.....	12	25.00	66.67	8.33	.....
New Hampshire.....	15	33.33	66.67	.....	.....	26	50.00	42.30	.....	7.69
New Jersey.....	39	23.08	76.93	.....	.....	273	51.65	42.13	.37	4.76
New Mexico.....	12	58.34	33.33	.....	8.33	12	83.32	16.67	.....	.....
New York.....	758	20.32	78.89	.....	.53	865	41.51	54.08	.35	3.49
North Carolina.....	20	55.00	40.00	.....	5.00	109	40.37	57.80	.....	.....
North Dakota.....	16	37.50	62.50	.....	.....	48	37.50	60.42	.....	2.06
Ohio.....	284	36.62	60.56	.....	.70	227	47.58	50.22	.....	2.20
Oklahoma.....	18	16.67	66.66	.....	11.11	202	48.52	47.53	.....	3.47
Oregon.....	31	48.39	51.61	.....	.....	69	23.19	68.12	5.80	2.90
Pennsylvania.....	495	31.11	66.47	.....	.20	259	32.43	64.87	.39	1.93
Rhode Island.....	136	34.56	62.50	.74	.74	94	46.81	45.75	.....	4.26
South Carolina.....	5	40.00	60.00	.....	.....	28	50.00	50.00	.....	.....
South Dakota.....	10	30.00	60.00	.....	10.00	63	34.92	63.49	.....	1.59
Tennessee.....	106	80.20	18.87	.....	.94	85	52.94	42.35	.....	3.53
Texas.....	208	37.98	59.14	.....	.96	263	36.50	57.42	.....	2.66
Utah.....	157	35.67	63.70	.....	.64	80	35.00	62.50	1.25	1.25
Vermont.....	1	.....	100.00	.....	.....	24	29.17	66.67	4.17	.....
Virginia.....	92	17.39	82.61	.....	.....	40	15.00	77.50	.....	7.50
Washington.....	55	38.18	52.74	.....	7.27	131	41.98	44.27	6.87	6.11
West Virginia.....	30	50.00	50.00	.....	.....	210	35.72	59.53	.95	2.86
Wisconsin.....	324	56.79	42.60	.....	.62	218	38.99	56.42	.92	3.21
Wyoming.....	.....	.....	.....	.....	.....	35	14.28	71.43	11.43	.....
State not specified.....	139	35.97	55.39	.....	5.75	234	39.74	52.14	2.14	5.56
Total.....	9,896	39.62	59.09	.03	.69	7,927	40.06	54.21	.76	3.85

# 330 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XII.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by local boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	466	32.19	55.79	0.21	9.66	274	29.56	63.50	.....	5.6
Alaska.....	2	50.00	50.00	.....	.....	8	87.50	.....	.....	.....
Arizona.....	39	35.90	41.03	2.56	5.13	21	23.81	61.91	9.52	.....
Arkansas.....	249	62.25	24.50	.40	10.44	117	58.12	31.62	.85	5.86
California.....	753	29.88	58.04	5.18	4.78	669	25.71	64.23	4.33	4.4
Colorado.....	131	35.88	58.01	.76	5.34	62	33.87	61.30	.....	4.4
Connecticut.....	302	38.08	55.96	.....	4.30	162	40.12	54.94	.....	4.3
Delaware.....	38	15.79	81.58	.....	2.63	25	36.00	48.00	4.00	5.00
District of Columbia.....	126	50.80	42.07	.....	5.56	43	37.21	55.82	.....	4.6
Florida.....	162	31.48	61.73	.....	2.47	151	29.14	65.56	.66	2.6
Georgia.....	892	43.61	42.94	.34	10.65	247	40.08	38.87	.....	19.4
Idaho.....	96	27.08	60.42	4.17	3.13	56	51.79	48.22	.....	.....
Illinois.....	2,470	37.41	58.30	.20	3.44	830	31.56	65.54	.....	2.1
Indiana.....	607	40.70	54.53	.99	3.29	187	41.71	51.87	1.07	5.33
Iowa.....	532	39.66	58.46	.....	1.88	150	36.67	62.00	.67	.6
Kansas.....	209	26.79	61.24	1.44	10.05	89	21.59	72.73	1.14	4.55
Kentucky.....	388	55.67	39.69	.....	4.38	181	35.91	53.59	.....	9.94
Louisiana.....	374	65.51	22.73	1.07	7.49	254	54.72	38.98	.....	3.94
Maine.....	79	36.71	62.03	.....	1.27	27	33.33	62.96	.....	3.70
Maryland.....	137	45.25	53.28	.73	.....	85	45.88	54.12	.....	.....
Massachusetts.....	616	36.40	56.59	.....	6.02	381	34.91	59.58	.79	2.99
Michigan.....	1,127	37.09	52.53	1.51	8.34	611	39.28	50.41	1.15	9.00
Minnesota.....	922	46.20	50.11	.22	2.49	262	40.46	57.26	.....	1.5
Mississippi.....	815	53.97	32.06	.95	11.43	80	48.75	33.75	.....	16.25
Missouri.....	691	34.01	58.47	1.30	5.64	245	27.35	69.40	.82	2.94
Montana.....	207	28.50	64.72	2.42	2.90	81	30.87	59.26	7.41	2.4
Nebraska.....	192	29.69	61.98	.52	7.81	102	31.37	61.77	.98	5.96
Nevada.....	30	13.33	76.66	6.67	.....	14	28.57	57.14	.....	7.14
New Hampshire.....	83	46.99	48.19	1.20	3.61	19	36.84	63.16	.....	.....
New Jersey.....	994	46.78	48.60	.80	3.02	263	38.02	56.66	1.14	3.50
New Mexico.....	46	41.31	39.13	2.17	13.04	22	45.45	45.45	4.55	.....
New York.....	2,551	41.55	53.94	.31	3.25	1,097	33.91	62.35	.27	2.4
North Carolina.....	432	39.12	55.79	.23	2.55	156	36.54	62.18	.....	.64
North Dakota.....	245	40.82	54.29	.41	4.49	46	50.00	45.66	.....	2.17
Ohio.....	1,749	35.68	59.75	.23	3.83	959	38.48	57.46	.....	3.5
Oklahoma.....	179	34.64	57.54	.56	5.59	92	33.69	58.69	.....	4.35
Oregon.....	70	40.00	51.43	2.86	4.29	38	36.84	57.90	.....	2.63
Pennsylvania.....	2,058	36.93	58.07	.78	2.72	868	36.75	58.75	1.04	2.4
Rhode Island.....	105	39.05	52.38	.95	6.67	40	20.00	72.50	2.50	2.5
South Carolina.....	230	42.61	53.91	.43	1.74	24	16.67	75.00	.....	8.33
South Dakota.....	86	20.93	65.12	2.33	11.63	37	21.62	70.27	.....	8.11
Tennessee.....	356	53.65	39.04	.....	5.06	65	52.31	40.00	.....	7.69
Texas.....	582	35.40	59.11	.17	2.23	249	36.54	59.03	.....	2.81
Utah.....	159	40.25	50.32	.63	5.66	112	55.35	41.07	.89	2.64
Vermont.....	135	50.37	37.78	.....	11.85	39	58.97	35.90	2.56	2.56
Virginia.....	186	34.41	62.37	.54	2.15	73	26.03	71.24	2.74	.....
Washington.....	213	38.50	54.00	4.23	2.35	114	21.05	70.18	3.51	3.51
West Virginia.....	269	34.95	60.97	.....	2.60	80	36.25	62.50	.....	1.25
Wisconsin.....	762	43.31	50.92	.66	4.46	228	49.56	45.49	.....	3.51
Wyoming.....	56	39.29	53.57	1.79	3.57	15	26.67	60.00	.....	6.67
State not specified..	623	35.96	56.34	1.44	5.46	237	42.20	49.37	2.11	3.90
Total.....	24,320	39.70	53.79	.75	4.58	10,286	36.45	57.62	.86	4.11

# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 331

TABLE XII.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by local boards for the period June, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.

Alabama.....	155	20.03	68.39	.....	2.58	2,887	34.47	50.75	0.03	.....
Alaska.....	10	.....	.....	.....	.....	10	80.00	10.00	.....	.....
Arizona.....	4	75.00	.....	.....	.....	438	47.03	43.15	1.14	2.06
Arkansas.....	52	34.62	37.70	3.85	3.85	1,200	52.22	38.89	.32	5.87
California.....	329	16.41	78.72	3.34	1.22	6,079	31.85	54.68	1.41	11.24
Colorado.....	30	22.34	73.34	3.33	.....	781	39.95	55.95	.38	3.97
Connecticut.....	32	43.75	46.87	.....	9.87	1,908	36.14	49.47	.05	12.79
Delaware.....	1	.....	100.00	.....	.....	234	28.20	64.53	.43	5.96
District of Columbia.....	14	57.14	42.86	.....	.....	569	44.29	52.55	.....	2.11
Florida.....	172	40.12	59.89	.....	.....	1,209	34.98	57.57	.06	4.22
Georgia.....	153	35.29	51.64	.65	11.76	2,606	42.10	49.92	.15	6.72
Idaho.....	102	55.88	42.18	.....	.98	671	40.09	50.37	.80	7.30
Illinois.....	677	25.26	72.28	.89	1.18	10,758	42.37	53.02	.18	3.76
Indiana.....	137	30.66	67.15	.73	.73	3,079	43.13	50.54	.39	4.64
Iowa.....	161	24.84	75.16	.....	.....	2,511	44.92	52.33	.....	2.55
Kansas.....	59	18.07	72.30	2.41	7.23	1,221	38.17	57.17	.....	3.36
Kentucky.....	79	68.36	30.38	.....	1.27	1,733	48.24	42.41	.63	8.02
Louisiana.....	185	22.16	75.14	.54	.54	1,805	47.15	45.54	.28	5.26
Maine.....	23	21.74	73.91	.....	.....	414	33.58	52.42	.....	13.04
Maryland.....	47	40.42	53.19	2.13	2.13	1,858	30.30	68.25	.16	.65
Massachusetts.....	257	28.80	64.21	1.17	1.17	5,649	34.64	56.36	.14	7.58
Michigan.....	375	31.47	58.40	.53	9.23	5,138	44.79	44.18	.60	9.98
Minnesota.....	187	37.43	56.15	.....	5.89	3,296	42.94	51.88	.12	4.34
Mississippi.....	64	54.69	42.82	1.56	7.51	955	50.79	31.94	.42	12.36
Missouri.....	334	28.44	69.76	.....	1.80	3,606	35.88	59.71	.42	3.36
Montana.....	47	31.92	63.83	.....	.....	1,451	40.87	47.21	1.10	10.20
Nebraska.....	157	19.11	78.35	.....	2.55	1,658	31.85	64.11	.24	3.50
Nevada.....	16	12.50	87.50	.....	.....	230	28.26	62.61	.87	7.39
New Hampshire.....	10	30.00	70.00	.....	.....	274	41.24	42.34	.36	14.96
New Jersey.....	163	31.90	66.87	.....	1.23	3,235	45.04	46.62	.43	7.39
New Mexico.....	10	40.00	60.00	.....	.....	276	43.48	44.57	1.09	3.62
New York.....	721	26.91	67.83	.42	1.53	12,162	38.89	53.71	.15	.....
North Carolina.....	56	46.55	51.73	1.72	.....	1,980	39.95	51.88	.11	6.77
North Dakota.....	17	41.18	52.94	.....	5.88	682	44.43	49.27	.15	5.72
Ohio.....	438	41.78	55.02	.....	3.20	7,614	42.13	51.75	.05	4.27
Oklahoma.....	30	43.33	50.00	.....	6.67	1,606	48.19	46.51	.....	4.11
Oregon.....	19	36.84	63.16	.....	.....	371	32.88	57.41	1.62	7.55
Pennsylvania.....	640	31.88	65.15	.62	1.25	9,129	39.69	54.81	.36	1.93
Rhode Island.....	34	47.06	52.94	.....	.....	676	36.83	53.70	.59	7.26
South Carolina.....	20	50.00	35.00	.....	15.00	993	47.53	40.89	.10	10.47
South Dakota.....	20	10.00	90.00	.....	.....	321	37.81	57.77	.38	3.94
Tennessee.....	58	60.34	32.78	.....	3.45	1,566	52.23	44.38	.....	2.55
Texas.....	149	30.20	61.75	2.01	3.36	3,765	42.58	50.28	.11	3.29
Utah.....	194	61.34	38.15	.52	.....	1,034	42.75	49.13	.39	6.96
Vermont.....	4	75.00	25.00	.....	.....	289	41.52	46.37	.60	11.42
Virginia.....	29	34.49	65.52	.....	.....	1,850	26.65	70.18	.16	2.70
Washington.....	36	28.68	71.05	5.26	.....	1,693	37.67	50.15	1.59	10.34
West Virginia.....	56	46.43	51.79	1.79	.....	1,414	40.81	56.15	.21	1.77
Wisconsin.....	115	33.91	63.48	.....	2.61	2,837	47.27	46.67	.25	5.80
Wyoming.....	10	.....	100.00	.....	.....	260	33.85	56.00	1.92	8.08
State not specified.....	150	37.33	56.67	.....	4.67	7,263	43.95	45.79	.26	8.18
Total.....	6,856	32.27	63.43	.69	2.51	125,346	40.55	52.03	.34	5.79

## 332 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIII. — *The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp.*

(Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.)

States.	December, 1917.					January, 1918.				
	Number of men accepted by advisory boards as qualified without defects.	Results of examinations at mobilization camps.				Number of	Results of examinations at mobilization camps.			
		Men accepted as qualified without defects.	Men accepted as qualified with one or more defects.	Men accepted for limited service.	Men rejected.		Men accepted as qualified without defects.	Men accepted as qualified with one or more defects.	Men accepted for limited service.	Men rejected.
Alabama.....										
Alaska.....										
Arizona.....										
Arkansas.....						28	23	9		
California.....	4	2	1		1	101	83	27	4	
Colorado.....						44	28	16		
Connecticut.....	2	2				9	7	2		
Delaware.....						6	4	2		
District of Columbia.....						8	2	3		
Florida.....						10	6	4		
Georgia.....						58	32	9		13
Idaho.....						28	16	7	1	
Illinois.....	3	3				228	168	62		2
Indiana.....	14	8	6			126	88	34		1
Iowa.....	10	6	3		1	201	184	100		1
Kansas.....	2		2			111	85	36	2	
Kentucky.....	1		1			38	30	7	1	
Louisiana.....						20	20	3	1	1
Maine.....	1	1				23	22	5		
Maryland.....	1	1				19	13	6		
Massachusetts.....	3	3				185	87	35		12
Michigan.....	6	6				190	114	61	1	1
Minnesota.....	7	4	3			190	136	56	1	1
Mississippi.....	1	1				33	27	4		
Missouri.....	3	2				205	118	67	3	2
Montana.....	6	5	1			54	30	14	1	
Nebraska.....	4	4				68	35	26		1
Nevada.....						4	1	3		
New Hampshire.....						16	12	2		
New Jersey.....	4	1	3			200	148	55	2	1
New Mexico.....						13	8	5		
New York.....	4	3	1			508	340	142	4	12
North Carolina.....						29	17	8		1
North Dakota.....	1	1				26	13	11		
Ohio.....	3		3			53	36	16		
Oklahoma.....	11	7	4			200	129	58	1	1
Oregon.....	2	1	1			53	28	20	4	1
Pennsylvania.....	6	4	1		1	73	46	25		
Rhode Island.....	4	2	2			50	34	11	1	1
South Carolina.....						10	7	3		
South Dakota.....						22	14	7		
Tennessee.....	1	1				39	26	8		1
Texas.....	6	4	2			111	71	37	1	2
Utah.....	1	1				14	10	3	1	
Vermont.....						5	3	2		
Virginia.....										
Washington.....	9	3	2	1	3	186	105	65	6	1
West Virginia.....	3	3				87	48	45	1	1
Wisconsin.....						171	120	46	1	1
Wyoming.....						18	9	9		
State not specified.....	6	3				157	92	54	2	
Total.....	129	82	39	1	6	4,185	2,664	1,243	39	19



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 333

TABLE XIII.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	260	144	73	3	36	118	74	20	.....	16
Alaska.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Arizona.....	49	28	13	1	5	20	13	6	.....	.....
Arkansas.....	120	83	14	1	18	35	24	6	1	4
California.....	290	152	108	15	12	123	53	56	6	6
Colorado.....	139	83	41	1	11	51	23	25	.....	3
Connecticut.....	288	175	89	2	17	112	67	36	1	6
Delaware.....	62	38	21	1	2	21	13	4	.....	3
District of Columbia.....	68	39	23	1	2	9	5	1	.....	2
Florida.....	67	34	22	.....	5	25	12	10	.....	3
Georgia.....	609	357	118	2	123	105	69	18	.....	15
Idaho.....	57	29	20	5	.....	11	4	5	1	1
Illinois.....	1,873	1,142	627	10	77	487	255	214	2	11
Indiana.....	477	324	128	2	15	103	73	23	.....	6
Iowa.....	337	204	119	3	11	62	37	23	.....	2
Kansas.....	178	88	74	2	12	67	25	29	2	8
Kentucky.....	229	181	29	.....	19	103	65	30	.....	8
Louisiana.....	147	108	24	.....	13	46	35	9	.....	2
Maine.....	86	62	22	.....	2	14	9	3	.....	1
Maryland.....	127	89	34	1	1	67	42	22	2	1
Massachusetts.....	548	363	147	.....	32	215	144	56	2	6
Michigan.....	963	573	278	12	89	333	193	82	4	45
Minnesota.....	620	407	190	1	16	110	67	40	1	1
Mississippi.....	141	93	28	.....	17	29	21	6	.....	2
Missouri.....	687	348	266	8	61	106	51	42	3	7
Montana.....	174	91	62	5	12	39	17	20	2	.....
Nebraska.....	149	86	48	4	10	41	23	15	.....	3
Nevada.....	10	4	6	.....	.....	2	1	.....	1	.....
New Hampshire.....	86	65	20	.....	1	20	13	7	.....	.....
New Jersey.....	938	634	267	11	22	96	72	24	.....	1
New Mexico.....	21	14	5	.....	1	12	7	3	.....	2
New York.....	2,397	1,507	756	12	96	550	316	196	3	25
North Carolina.....	184	106	65	.....	10	26	15	9	1	1
North Dakota.....	196	133	55	2	4	43	27	13	.....	.....
Ohio.....	926	574	320	.....	22	346	217	106	.....	22
Oklahoma.....	229	144	68	1	11	61	32	23	1	2
Oregon.....	63	35	25	.....	2	42	24	15	1	2
Pennsylvania.....	1,254	785	406	5	37	320	190	113	4	6
Rhode Island.....	163	97	57	1	8	20	13	6	.....	.....
South Carolina.....	62	40	17	.....	5	15	12	2	.....	.....
South Dakota.....	89	49	38	.....	2	17	10	5	.....	2
Tennessee.....	411	264	82	1	40	79	52	12	.....	10
Texas.....	327	220	84	.....	11	59	37	21	.....	.....
Utah.....	48	23	21	1	2	10	3	4	1	.....
Vermont.....	94	56	26	.....	12	34	25	7	.....	.....
Virginia.....	211	122	82	.....	6	75	42	29	1	2
Washington.....	228	127	77	12	8	92	51	36	5	.....
West Virginia.....	171	80	81	1	9	35	23	12	.....	.....
Wisconsin.....	536	343	146	4	40	121	64	49	.....	8
Wyoming.....	43	20	19	3	.....	7	3	2	1	.....
State not specified.....	492	316	139	5	28	103	39	54	1	7
Total.....	17,923	11,079	5,480	139	1,005	4,640	2,703	1,548	47	252

# 334 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIII.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

(Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.)

States.	April and May, 1918.					Total—December, 1917 to May, 1918.				
	Num- ber of men ac- cepted by ad- visory boards as qual- ified without defects.	Results of exam- mobilization				Results of examinations at mobilization camps.				
		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men re- jected.	Men not exam- ined.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.		
Alabama.....	31	20	1	1	444	258	107	3	62	
Alaska.....					2	2				
Arizona.....	5		4	1	94	57	26	1	6	
Arkansas.....	9	7	1	1	203	137	30	2	29	
California.....	21	10	9	2	530	279	201	25	36	
Colorado.....	12	6	4	1	246	137	86	1	15	
Connecticut.....	39	18	20	1	480	269	147	4	20	
Delaware.....	4	2	2		99	57	29	1	3	
District of Columbia.....	10	6	2	1	92	52	29	2	4	
Florida.....	2	1		1	104	53	36		9	
Georgia.....	40	26	3	8	812	484	148	2	159	
Idaho.....	4	3		1	97	52	23	7	1	
Illinois.....	111	56	50	4	2,708	1,614	953	12	161	
Indiana.....	26	17	8		745	507	260	2	27	
Iowa.....	24	13	11		734	454	236	3	36	
Kansas.....	33	9	18	6	301	187	180	6	23	
Kentucky.....	28	16	8	4	369	202	75	1	11	
Louisiana.....	11	10		1	234	173	36	1	22	
Maine.....	1	1			130	96	30		3	
Maryland.....	19	11	6		232	156	67	3	7	
Massachusetts.....	47	26	18	3	948	623	268	3	34	
Michigan.....	69	44	19	6	1,561	930	440	17	151	
Minnesota.....	58	46	17	1	904	654	306	3	27	
Mississippi.....	6	5	1		215	147	28		24	
Missouri.....	37	20	12	1	1,036	530	267	15	57	
Montana.....	21	12	6	3	294	166	103	11	17	
Nebraska.....	23	14	9		283	162	98	4	16	
Nevada.....					18	6	9	1		
New Hampshire.....	4	4			126	94	29		3	
New Jersey.....	40	27	12	1	1,289	882	361	14	27	
New Mexico.....	3	2	1		49	31	14		1	
New York.....	149	77	51	3	3,603	2,243	1,149	23	167	
North Carolina.....	14	5	8	1	253	143	90	1	15	
North Dakota.....	22	10	16	2	288	184	89	3	17	
Ohio.....	88	49	24	1	1,414	876	409	1	67	
Oklahoma.....	26	14	10	2	527	326	163	3	23	
Oregon.....	10	4	4	1	170	92	65	6	6	
Pennsylvania.....	116	70	40	4	1,769	1,094	585	9	69	
Rhode Island.....	5	4	1		242	150	77	2	12	
South Carolina.....	4	2	2		91	61	24		3	
South Dakota.....	7	1	5	1	135	74	56		3	
Tennessee.....	17	12	3	1	547	356	106	1	56	
Texas.....	21	12	3	1	524	344	146	2	16	
Utah.....	3	1	2		76	38	30	2	7	
Vermont.....	3	2	1		136	86	36		12	
Virginia.....	32	16	14	2	318	180	126	1	19	
Washington.....	33	21	8	3	548	307	186	27	16	
West Virginia.....	6	4	2		312	158	140	2	13	
Wisconsin.....	32	20	11	1	859	547	252	5	53	
Wyoming.....	6	1	5		74	33	36	4		
State not specified.....	90	64	21	1	848	514	271	9	46	
Total.....	1,412	816	469	17	93	28,280	17,343	8,779	243	1,599



TABLE XIV.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp.

Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.)

States.	December, 1917.					January, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....						41	48.78	24.39		21.95
Alaska.....						1	100.00			
Arizona.....						20	80.00	15.00		
Arkansas.....						38	60.53	23.68		13.16
California.....	4	50.00	25.00		25.00	101	61.39	26.73	3.96	6.93
Colorado.....						44	56.82	36.36		6.82
Connecticut.....	2	100.00				9	77.78	22.22		
Delaware.....						6	66.67	33.33		
District of Columbia.....						5	40.00	60.00		
Florida.....						10	60.00	40.00		
Georgia.....						58	55.17	15.52		22.41
Idaho.....						25	64.00	28.00	4.00	
Illinois.....	3	100.00				229	69.00	27.07		3.93
Indiana.....	14	57.14	42.86			126	67.46	27.78		4.76
Iowa.....	10	60.00	30.00		10.00	301	64.45	33.22		1.99
Kansas.....	2		100.00			111	58.56	32.43	1.80	6.31
Kentucky.....	1		100.00			38	78.96	18.42	2.63	
Louisiana.....						30	66.67	10.00	3.33	20.00
Maine.....	1	100.00				28	78.57	17.86		
Maryland.....	1	100.00				18	72.22	27.78		
Massachusetts.....	3	100.00				135	64.44	25.93		9.63
Michigan.....	6	100.00				190	60.00	32.11	.53	5.79
Minnesota.....	7	57.14	42.86			199	68.34	28.14	.50	2.01
Mississippi.....	1	100.00				38	71.05	10.53		13.16
Missouri.....	3	66.67				205	57.56	32.68	1.46	7.32
Montana.....	6	83.33	16.67			54	55.56	25.93	1.85	9.26
Nebraska.....	4	100.00				66	53.03	39.39		7.58
Nevada.....						4	25.00	75.00		
New Hampshire.....						16	75.00	12.50		12.50
New Jersey.....	4	25.00	75.00			209	70.81	26.32	.96	1.91
New Mexico.....						13	61.54	38.46		
New York.....	4	75.00	25.00			508	67.59	28.23	.80	2.39
North Carolina.....						29	58.62	27.59		10.34
North Dakota.....	1	100.00				26	50.00	42.31		3.85
Ohio.....	3		100.00			53	67.92	30.19		1.89
Oklahoma.....	11	63.64	36.36			200	64.50	29.00	.50	4.00
Oregon.....	2	50.00	50.00			53	52.83	37.74	7.55	1.89
Pennsylvania.....	6	66.67	16.67		16.67	73	61.64	34.25		1.37
Rhode Island.....	4	50.00	50.00			50	68.00	22.00	2.00	8.00
South Carolina.....						10	70.00	30.00		
South Dakota.....						22	63.64	31.82		
Tennessee.....	1	100.00				39	66.67	20.51		10.26
Texas.....	6	66.67	33.33			111	63.96	33.33	.90	1.80
Utah.....	1	100.00				14	71.43	21.43	7.14	
Vermont.....						5	60.00	40.00		
Virginia.....										
Washington.....	9	33.33	22.22	11.11	33.33	186	56.45	34.95	8.23	4.30
West Virginia.....	3	100.00				97	49.48	46.39	1.03	3.09
Wisconsin.....						171	70.18	26.90	.58	2.34
Wyoming.....						18	50.00	50.00		
State not specified.....	6	50.00	50.00			157	58.60	34.39	1.27	4.46
Total.....	129	63.57	30.23	.78	4.65	4,185	63.66	29.70	.93	4.64

# 336 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIV.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by the medical advisory board for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	260	55.38	28.08	1.15	13.85	118	62.71	16.95	.....	12.5
Alaska.....	.....	.....	.....	.....	.....	1	100.00	.....	.....	.....
Arizona.....	49	57.14	26.53	2.04	10.20	20	65.00	30.00	.....	.....
Arkansas.....	120	69.17	11.67	.83	15.00	35	68.57	17.14	2.86	11.4
California.....	290	52.41	37.24	5.17	4.14	123	43.09	45.53	4.88	4.9
Colorado.....	189	59.71	29.50	.72	7.91	51	45.10	49.02	.....	5.9
Connecticut.....	288	60.76	30.90	.69	5.90	112	59.82	32.14	.89	5.9
Delaware.....	62	61.29	33.87	1.61	3.23	21	61.90	19.05	.....	14.9
District of Columbia.....	68	57.35	33.82	1.47	2.94	9	55.56	11.11	.....	22.2
Florida.....	67	50.75	32.84	.....	7.46	25	48.00	40.00	.....	12.00
Georgia.....	609	58.62	19.38	.33	20.20	105	65.71	17.14	.....	14.2
Idaho.....	57	50.88	35.09	8.77	.....	11	36.36	45.45	9.09	9.09
Illinois.....	1,873	60.97	33.48	.53	4.11	487	52.36	43.94	.41	2.9
Indiana.....	477	67.92	26.83	.42	3.14	108	70.87	22.33	.....	5.5
Iowa.....	337	60.53	35.31	.89	3.26	62	59.68	37.10	.....	3.2
Kansas.....	178	49.44	41.57	1.12	6.74	67	37.31	43.28	2.98	11.9
Kentucky.....	229	79.04	12.66	.....	8.30	103	63.11	29.13	.....	7.7
Louisiana.....	147	73.47	16.33	.....	8.84	46	78.09	19.57	.....	4.5
Maine.....	86	72.09	25.58	.....	2.33	14	64.29	21.43	.....	7.14
Maryland.....	127	70.08	26.77	.79	.79	67	62.69	32.84	2.98	1.4
Massachusetts.....	548	66.24	26.82	.....	5.84	215	66.98	26.05	.98	2.7
Michigan.....	963	59.50	28.87	1.25	9.24	333	57.96	24.62	1.20	13.5
Minnesota.....	620	65.65	30.65	.16	2.58	110	60.91	36.36	.91	.91
Mississippi.....	141	65.96	19.86	.....	12.06	29	72.41	17.24	.....	6.90
Missouri.....	687	50.65	38.72	1.16	8.88	106	48.11	39.62	2.83	6.60
Montana.....	174	52.30	35.63	2.87	6.90	39	43.59	51.28	5.13	.....
Nebraska.....	149	57.72	32.21	2.68	6.71	41	56.10	36.59	.....	7.2
Nevada.....	10	40.00	60.00	.....	.....	2	50.00	.....	50.00	.....
New Hampshire.....	86	75.58	23.26	.....	1.16	20	65.00	35.00	.....	.....
New Jersey.....	938	67.59	28.46	1.17	2.35	98	73.47	24.49	.....	1.2
New Mexico.....	21	66.67	23.81	.....	4.76	12	58.33	25.00	.....	16.6
New York.....	2,397	62.87	31.54	.50	4.00	550	57.45	35.64	.56	4.5
North Carolina.....	184	57.61	35.33	.....	5.43	26	57.69	34.62	3.85	3.6
North Dakota.....	196	67.86	28.06	1.02	2.04	43	62.79	30.23	.....	.....
Ohio.....	926	61.99	34.56	.....	3.46	346	62.72	30.64	.....	6.3
Oklahoma.....	229	62.88	29.69	.44	4.80	61	52.46	37.70	1.64	3.2
Oregon.....	63	55.56	39.68	.....	3.17	42	57.14	35.71	2.38	4.7
Pennsylvania.....	1,254	62.60	32.38	.40	2.95	320	59.37	35.31	1.25	1.5
Rhode Island.....	163	59.51	34.97	.61	4.91	20	65.00	30.00	.....	.....
South Carolina.....	62	64.52	27.42	.....	8.06	15	80.00	13.33	.....	.....
South Dakota.....	89	55.06	42.70	.....	2.25	17	58.82	29.41	.....	11.7
Tennessee.....	411	64.23	19.95	.24	9.78	79	65.82	15.19	.....	12.4
Texas.....	327	67.28	25.69	.....	3.36	59	62.71	35.59	.....	.....
Utah.....	48	47.92	43.75	2.08	4.17	10	30.00	40.00	10.00	.....
Vermont.....	94	59.57	27.66	.....	12.77	34	73.53	20.59	.....	.....
Virginia.....	211	57.82	38.86	.....	2.84	75	56.00	38.67	1.33	2.5
Washington.....	228	55.70	33.77	5.26	3.51	92	55.43	39.13	5.43	.....
West Virginia.....	171	46.78	47.37	.58	5.26	35	65.71	34.29	.....	.....
Wisconsin.....	535	64.11	27.29	.75	7.48	121	52.89	40.50	.....	6.6
Wyoming.....	43	46.51	44.19	6.98	.....	7	42.86	28.57	14.29	.....
State not specified.....	492	64.23	28.25	1.02	5.69	103	37.86	52.43	.97	6.9
Total.....	17,923	61.81	30.58	.78	5.61	4,640	58.25	33.36	1.01	5.6

# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 337

TABLE XIV.—The results of examination at mobilization camps of the men accepted as qualified for general military service without defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	April and May, 1918.					Total, December, 1917, to May, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified without defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	25	80.00	16.00	.....	4.00	444	58.11	24.10	0.68	12.96
Alaska.....	.....	.....	.....	.....	.....	2	100.00	.....	.....	.....
Arizona.....	5	.....	80.00	.....	20.00	94	60.64	27.66	1.06	6.38
Arkansas.....	9	77.78	11.11	.....	11.11	202	67.82	14.85	.99	12.86
California.....	21	47.62	42.86	.....	9.52	539	51.76	37.29	4.64	5.19
Colorado.....	12	50.00	33.33	.....	8.33	246	55.69	34.96	.41	7.32
Connecticut.....	39	46.15	51.28	2.56	.....	450	59.78	32.67	.89	5.11
Delaware.....	4	50.00	50.00	.....	.....	93	61.29	31.18	1.08	5.38
District of Columbia.....	10	60.00	20.00	10.00	.....	92	56.52	31.52	2.17	4.25
Florida.....	2	50.00	.....	.....	50.00	104	50.96	34.62	.....	8.65
Georgia.....	40	65.00	7.50	.....	20.00	812	59.61	18.23	.25	19.56
Idaho.....	4	75.00	.....	.....	25.00	97	53.61	32.99	7.22	2.06
Illinois.....	111	50.45	45.04	.....	3.60	2,703	59.71	35.26	.44	3.74
Indiana.....	25	68.00	32.00	.....	.....	745	68.05	26.85	.27	3.63
Iowa.....	24	54.17	45.83	.....	.....	734	61.85	34.88	.41	2.72
Kansas.....	33	27.27	54.55	.....	18.18	391	47.83	40.66	1.53	8.44
Kentucky.....	28	57.14	28.57	.....	14.29	399	73.18	18.80	.26	7.77
Louisiana.....	11	90.91	.....	.....	9.09	234	73.93	15.38	.43	9.40
Maine.....	1	100.00	.....	.....	.....	130	73.08	23.08	.....	2.31
Maryland.....	19	57.89	31.58	.....	.....	232	67.24	28.88	1.29	.86
Massachusetts.....	47	55.32	33.30	.....	6.38	948	65.72	27.00	.21	5.70
Michigan.....	69	63.77	27.54	.....	8.70	1,561	59.58	28.19	1.09	9.67
Minnesota.....	58	68.97	29.31	.....	1.72	994	65.79	30.78	.30	2.21
Mississippi.....	6	80.83	16.67	.....	.....	215	68.37	17.67	.....	11.16
Missouri.....	37	54.05	32.43	2.70	10.81	1,038	51.93	37.28	1.44	3.38
Montana.....	21	57.14	28.57	14.29	.....	294	52.72	35.03	3.74	5.78
Nebraska.....	23	60.87	39.13	.....	.....	283	57.24	34.63	1.41	6.36
Nevada.....	.....	.....	.....	.....	.....	16	37.50	56.25	6.25	.....
New Hampshire.....	4	100.00	.....	.....	.....	126	74.60	23.02	.....	2.38
New Jersey.....	40	67.50	30.00	2.50	.....	1,289	68.43	23.01	1.09	2.09
New Mexico.....	3	66.67	33.33	.....	.....	49	63.27	28.57	.....	6.12
New York.....	149	51.68	34.23	2.01	9.40	3,603	62.25	31.81	.61	4.08
North Carolina.....	14	35.71	57.14	.....	7.14	263	56.52	35.57	.40	5.93
North Dakota.....	22	45.45	45.45	.....	9.09	268	63.89	30.90	1.04	2.43
Ohio.....	86	56.98	27.91	1.16	13.95	1,414	61.95	33.17	.07	4.74
Oklahoma.....	26	53.85	38.46	.....	7.69	527	61.86	30.93	.57	4.36
Oregon.....	10	40.00	40.00	10.00	10.00	170	54.12	33.24	3.53	3.53
Pennsylvania.....	115	60.87	34.78	.....	3.48	1,768	61.83	33.09	.51	2.77
Rhode Island.....	5	80.00	20.00	.....	.....	242	61.98	31.82	.83	4.96
South Carolina.....	4	50.00	50.00	.....	.....	91	67.03	26.37	.....	5.49
South Dakota.....	7	14.29	71.43	.....	14.29	135	54.81	40.74	.....	3.70
Tennessee.....	17	70.59	17.65	.....	5.88	547	64.90	19.20	.18	10.05
Texas.....	21	57.14	9.52	4.76	14.29	524	65.65	27.86	.38	3.05
Utah.....	3	33.33	66.67	.....	.....	76	50.00	39.47	2.63	2.63
Vermont.....	3	66.67	33.33	.....	.....	136	63.24	26.47	.....	3.82
Virginia.....	32	50.00	43.75	.....	6.25	318	56.60	39.31	.31	3.14
Washington.....	33	63.64	24.24	9.09	.....	548	56.02	34.31	4.93	3.47
West Virginia.....	6	66.67	33.33	.....	.....	312	50.64	44.87	.64	3.85
Wisconsin.....	32	62.50	34.37	.....	3.12	859	63.68	29.34	.58	6.17
Wyoming.....	6	16.67	83.33	.....	.....	74	44.59	47.30	5.41	.....
State not specified.....	90	71.11	23.33	1.11	4.44	848	60.61	31.96	1.06	5.42
Total.....	1,411	57.76	33.24	1.20	6.59	28,289	61.31	31.03	.86	5.43

# 338 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XV.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by the medical advisory boards for the period December 1917, to May, 1918, covering approximately the first million men sent to camp.

(Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.)

States.	December, 1917.					January, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	1		1			5	1	3		1
Alaska.....						1		1		
Arizona.....						6	2	3	1	
Arkansas.....						7	6	1		
California.....						40	11	24		1
Colorado.....						10	4	6		
Connecticut.....	2	2				8	3	3		2
Delaware.....						2		2		
District of Columbia.....										
Florida.....						2	1			1
Georgia.....						26	10	13		3
Idaho.....						10	1	8		1
Illinois.....						78	26	48	1	3
Indiana.....	3	2	1			54	18	28	1	4
Iowa.....	4	3	1			80	37	42		1
Kansas.....						50	15	28	1	6
Kentucky.....						12	7	3		2
Louisiana.....						11	7	2	1	1
Maine.....						21	15	4		2
Maryland.....	1		1			12	7	5		
Massachusetts.....	1	1				80	32	41		6
Michigan.....	1	1				100	38	54	2	5
Minnesota.....	1				1	60	27	32		1
Mississippi.....						7	4	2		1
Missouri.....	3		2		1	102	26	59	5	11
Montana.....						21	6	13		2
Nebraska.....						21	10	10		1
Nevada.....						2	1	1		
New Hampshire.....						6	3	2		1
New Jersey.....	1		1			124	61	56		6
New Mexico.....						1	1			
New York.....						312	142	151	1	13
North Carolina.....						8	2	5		1
North Dakota.....						9	3	6		
Ohio.....	1	1				29	8	20		1
Oklahoma.....	6	1	5			50	20	23		2
Oregon.....	2	1	1			20	6	8	4	2
Pennsylvania.....						19	5	13	1	
Rhode Island.....	1		1			30	12	14	1	2
South Carolina.....						8	1	6		1
South Dakota.....						6	2	4		
Tennessee.....						11	4	7		
Texas.....	1		1			28	13	12		3
Utah.....						9	2	6		
Vermont.....						3	2	1		
Virginia.....	1		1							
Washington.....	3	1	2			103	37	56	3	1
West Virginia.....						35	9	23	1	2
Wisconsin.....						79	31	38	1	1
Wyoming.....						4	2	2		
State not specified.....						60	19	34		1
Total.....	33	13	18		2	1,782	700	923	24	114

TABLE XV.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	89	34	35	.....	20	32	14	12	.....	6
Alaska.....	.....	.....	.....	.....	.....	2	1	1	.....	.....
Arizona.....	13	3	6	2	1	2	.....	2	.....	.....
Arkansas.....	32	19	8	.....	3	21	14	2	1	4
California.....	155	45	79	23	7	64	17	34	6	5
Colorado.....	46	15	28	1	1	12	5	4	.....	3
Connecticut.....	159	68	74	.....	16	49	20	25	1	3
Delaware.....	27	7	18	.....	2	9	.....	5	.....	2
District of Columbia.....	35	15	18	.....	1	9	4	5	.....	.....
Florida.....	24	2	17	1	3	8	4	2	1	1
Georgia.....	220	75	91	3	47	34	7	15	.....	11
Idaho.....	12	3	6	1	2	1	.....	.....	.....	1
Illinois.....	851	293	494	4	54	185	58	118	.....	6
Indiana.....	178	72	96	1	8	29	9	19	.....	1
Iowa.....	114	34	76	.....	3	11	7	.....	.....	.....
Kansas.....	53	21	21	3	8	27	10	3	.....	10
Kentucky.....	76	39	29	1	7	29	9	13	1	6
Louisiana.....	59	38	15	.....	6	16	6	4	.....	5
Maine.....	39	20	15	.....	4	13	8	3	.....	.....
Maryland.....	55	33	18	2	.....	46	21	21	2	1
Massachusetts.....	245	98	118	.....	24	127	64	53	.....	7
Michigan.....	443	153	209	12	65	187	72	77	5	31
Minnesota.....	151	58	88	.....	4	36	17	16	1	2
Mississippi.....	59	31	15	.....	12	9	6	.....	1	.....
Missouri.....	224	73	132	7	21	43	7	27	1	8
Montana.....	54	15	32	3	3	12	3	8	1	.....
Nebraska.....	49	14	31	.....	4	8	2	4	1	1
Nevada.....	3	3	.....	.....	.....	1	1	.....	.....	.....
New Hampshire.....	28	12	13	.....	3	14	8	4	.....	2
New Jersey.....	452	169	228	11	20	54	24	23	1	5
New Mexico.....	7	3	4	.....	.....	3	2	.....	.....	1
New York.....	1,283	529	638	11	85	254	96	135	3	13
North Carolina.....	59	22	32	.....	2	9	3	6	.....	.....
North Dakota.....	34	12	19	.....	3	13	5	4	.....	3
Ohio.....	541	201	307	2	28	154	63	71	.....	19
Oklahoma.....	69	24	37	3	4	18	4	13	.....	1
Oregon.....	24	7	15	1	.....	5	1	3	1	.....
Pennsylvania.....	611	213	354	12	21	168	69	90	2	5
Rhode Island.....	44	20	20	.....	3	6	6	.....	.....	.....
South Carolina.....	23	8	10	.....	5	3	.....	3	.....	.....
South Dakota.....	28	7	16	1	4	1	.....	1	.....	.....
Tennessee.....	152	69	68	.....	12	18	6	8	.....	4
Texas.....	103	32	58	1	8	25	11	13	.....	.....
Utah.....	13	5	6	2	.....	2	1	1	.....	.....
Vermont.....	58	12	30	.....	16	10	4	5	.....	1
Virginia.....	83	25	52	.....	6	21	7	14	.....	.....
Washington.....	101	33	56	6	3	63	19	37	3	4
West Virginia.....	69	24	39	.....	5	16	6	9	.....	.....
Wisconsin.....	258	109	121	3	25	51	20	23	1	7
Wyoming.....	6	1	1	3	.....	1	1	.....	.....	.....
State not specified...	200	58	115	3	22	36	12	17	.....	6
Total.....	7,721	2,896	4,008	123	601	1,967	754	953	33	185

# 340 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XV.—*The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.*

[ Absolute numbers. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	April and May, 1918.					Total December, 1917, to May, 1918.				
	Num- ber of men ac- cepted by ad- visory boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.				Num- ber of men ac- cepted by ad- visory boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.
Alabama.....	8	6	2			135	55	53		27
Alaska.....						3	1	2		
Arizona.....						21	5	11	3	1
Arkansas.....	5	3			2	65	42	11	1	5
California.....	7		7			266	73	144	29	15
Colorado.....	1	1				69	25	38	1	4
Connecticut.....	21	6	12		3	239	99	114	1	28
Delaware.....						38	7	25		4
District of Columbia.....						44	19	23		1
Florida.....						34	7	19	2	5
Georgia.....	15	1	8		5	295	93	127	3	66
Idaho.....						23	4	14	1	4
Illinois.....	36	6	27		2	1,150	383	687	5	65
Indiana.....	5	3	1		1	269	104	145	2	16
Iowa.....	4	1	3			213	82	122		4
Kansas.....	10	1	6		3	140	47	58	4	27
Kentucky.....	7	4	2		1	124	59	47	2	16
Louisiana.....	1	1				87	52	21	1	12
Maine.....	4	3	1			77	46	23		6
Maryland.....	6	1	2	1	1	120	62	47	5	2
Massachusetts.....	23	8	14		1	476	203	226		34
Michigan.....	27	11	7		8	758	275	347	19	109
Minnesota.....	27	6	20	1		275	108	156	2	5
Mississippi.....	1	1				76	42	17	1	13
Missouri.....	11	1	9		1	393	107	229	13	47
Montana.....	2	1	1			89	25	54	4	5
Nebraska.....	4	2	2			82	28	47	1	6
Nevada.....						6	5	1		
New Hampshire.....	1	1				49	24	19		6
New Jersey.....	13	7	5		1	644	281	313	12	32
New Mexico.....	2		2			13	6	6		1
New York.....	76	23	44		2	1,925	790	968	15	113
North Carolina.....	3	1	2			79	28	45		3
North Dakota.....	1			1		57	20	29	1	6
Ohio.....	29	9	13		7	754	282	411	2	55
Oklahoma.....	1		1			144	49	79	3	7
Oregon.....	2		1	1		53	15	28	7	2
Pennsylvania.....	63	25	35	1	1	861	312	492	16	27
Rhode Island.....						81	38	35	1	5
South Carolina.....						34	9	19		6
South Dakota.....	5	1	3		1	40	10	24	1	5
Tennessee.....	2	1	1			183	80	84		16
Texas.....	4	3	1			161	59	85	1	11
Utah.....	3	2			1	27	10	13	2	1
Vermont.....	2	1	1			73	19	37		17
Virginia.....	5	3	2			110	35	69		6
Washington.....	6	4	1	1		276	94	152	13	14
West Virginia.....	1	1				121	40	71	1	7
Wisconsin.....	17	4	9	1	3	405	164	191	6	42
Wyoming.....						11	4	3	3	
State not specified.....	14	2	10	1	1	310	91	176	4	36
Total.....	475	155	255	8	45	11,978	4,518	6,157	188	947



TABLE XVI.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp.

Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	December, 1917.					January, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	1		100.00			5	20.00	60.00		20.00
Alaska.....						1		100.00		
Arizona.....						6	33.33	50.00	16.67	
Arkansas.....						7	85.71	14.29		
California.....						40	27.50	60.00		7.50
Colorado.....						10	40.00	60.00		
Connecticut.....	2	100.00				8	37.50	37.50		25.00
Delaware.....						2		100.00		
Florida.....						2	50.00			50.00
Georgia.....						26	38.46	50.00		11.54
Iaho.....						10	10.00	80.00		10.00
Illinois.....						78	33.33	61.54	1.28	3.85
Indiana.....	3	66.67	33.33			54	33.33	51.85	1.85	11.11
Iowa.....	4	75.00	25.00			80	46.25	52.50		1.25
Kansas.....						50	30.00	56.00	2.00	12.00
Kentucky.....						12	58.33	25.00		16.67
Louisiana.....						11	63.64	18.18	9.09	9.09
Maine.....						21	71.43	19.05		9.52
Maryland.....	1		100.00			12	58.33	41.67		
Massachusetts.....	1	100.00				80	40.00	51.25		7.50
Michigan.....	1	100.00				100	38.00	54.00	2.00	5.00
Minnesota.....	1				100.00	60	45.00	53.33		1.67
Mississippi.....						7	57.14	28.57		14.29
Missouri.....	3		66.67		33.33	102	25.49	57.84	4.90	10.78
Montana.....						21	28.57	61.90		9.52
Nebraska.....						21	47.62	47.62		4.76
Nevada.....						2	50.00	50.00		
New Hampshire.....						6	50.00	33.33		16.67
New Jersey.....	1		100.00			124	49.19	45.16		4.84
New Mexico.....						1	100.00			
New York.....						312	45.51	48.40	.32	4.17
North Carolina.....						8	25.00	62.50		12.50
North Dakota.....						9	33.33	66.67		
Ohio.....	1	100.00				29	27.59	68.97		3.45
Oklahoma.....	6	16.67	83.33			50	40.00	46.00		4.00
Oregon.....	2	50.00	50.00			20	30.00	40.00	20.00	10.00
Pennsylvania.....						19	26.32	68.42	5.26	
Rhode Island.....	1		100.00			30	40.00	46.67	3.33	6.67
South Carolina.....						8	12.50	75.00		12.50
South Dakota.....						6	33.33	66.67		
Tennessee.....						11	36.36	63.64		
Texas.....	1		100.00			28	46.43	42.86		10.71
Utah.....						9	22.22	66.67		
Vermont.....						3	66.67	33.33		
Virginia.....	1		100.00							
Washington.....	3	33.33	66.67			103	35.92	54.37	2.91	6.80
West Virginia.....						35	25.71	65.71	2.86	5.71
Wisconsin.....						79	39.24	48.10	1.27	8.86
Wyoming.....						4	50.00	50.00		
State not specified.....						60	31.67	56.67		11.67
Total.....	33	39.39	54.54		6.06	1,782	39.28	51.80	1.35	6.40

## 342 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVI.—*The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.*

[Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	February, 1918.					March, 1918.				
	Num- ber of men ac- cepted by ad- visory boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.				Num- ber of men ac- cepted by ad- visory boards as qual- ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.		Men ac- cepted as qual- ified without defects.	Men ac- cepted as qual- ified with one or more defects.	Men ac- cepted for limited service.	Men re- jected.
Alabama.....	89	38.20	39.33	.....	22.47	32	43.75	37.50	.....	18.75
Alaska.....	.....	.....	.....	.....	.....	2	50.00	50.00	.....	.....
Arizona.....	13	23.08	46.15	15.38	7.69	2	.....	100.00	.....	.....
Arkansas.....	32	59.37	25.00	.....	9.37	21	66.67	9.52	4.76	19.05
California.....	155	29.03	50.97	14.84	4.52	64	26.56	53.12	9.37	7.91
Colorado.....	46	32.61	60.87	2.17	2.17	12	41.67	33.33	.....	25.00
Connecticut.....	159	42.77	46.54	.....	10.06	49	40.82	51.02	2.04	6.12
Delaware.....	27	25.93	66.67	.....	7.41	9	.....	55.56	.....	22.22
District of Columbia.....	35	42.86	51.43	.....	2.86	9	44.44	55.56	.....	.....
Florida.....	24	8.33	70.83	4.17	12.50	8	50.00	25.00	12.50	12.50
Georgia.....	220	34.09	41.36	1.36	21.36	34	20.59	44.12	.....	32.35
Idaho.....	12	25.00	50.00	8.33	16.67	1	.....	.....	.....	100.00
Illinois.....	851	34.43	58.05	.47	6.35	185	31.35	63.78	.....	3.24
Indiana.....	178	40.45	53.93	.56	4.49	29	31.03	65.52	.....	3.45
Iowa.....	114	29.82	66.67	.....	2.63	11	63.64	.....	.....	.....
Kansas.....	53	39.62	39.62	5.66	15.09	27	37.04	11.11	.....	37.04
Kentucky.....	76	51.32	38.16	1.32	9.21	29	31.03	44.83	3.45	20.69
Louisiana.....	59	64.41	25.42	.....	10.17	16	37.50	25.00	.....	31.25
Maine.....	39	51.28	38.46	.....	10.26	13	61.54	23.08	.....	.....
Maryland.....	55	60.00	32.72	3.64	.....	46	45.65	45.65	4.35	2.17
Massachusetts.....	245	40.00	48.16	.....	9.80	127	50.39	41.73	.....	5.51
Michigan.....	443	34.54	47.18	2.71	14.67	187	38.50	41.18	2.67	16.58
Minnesota.....	151	38.41	58.28	.....	2.65	36	47.22	44.44	2.78	3.56
Mississippi.....	59	52.54	25.42	.....	20.34	9	66.67	.....	11.11	.....
Missouri.....	234	31.20	56.41	2.99	8.97	43	16.28	62.79	2.33	18.00
Montana.....	54	27.78	59.26	5.56	5.56	12	25.00	66.67	8.33	.....
Nebraska.....	49	28.57	63.27	.....	8.16	8	25.00	50.00	12.50	12.50
Nevada.....	3	100.00	.....	.....	.....	1	100.00	.....	.....	.....
New Hampshire.....	28	42.86	46.43	.....	10.71	14	57.14	28.57	.....	14.29
New Jersey.....	452	41.81	50.44	2.43	4.42	54	44.44	42.59	1.85	9.26
New Mexico.....	7	42.86	57.14	.....	.....	3	66.67	.....	.....	33.33
New York.....	1,283	41.23	49.73	.86	6.62	254	37.80	53.15	1.18	5.12
North Carolina.....	59	37.29	54.24	.....	3.39	9	33.33	66.67	.....	.....
North Dakota.....	34	35.29	55.88	.....	8.82	13	38.46	30.77	.....	23.08
Ohio.....	541	37.15	56.75	.37	5.18	154	40.91	46.10	.....	12.34
Oklahoma.....	69	34.78	53.62	4.35	5.80	18	22.22	72.22	.....	5.56
Oregon.....	24	29.17	62.50	4.17	.....	5	20.00	60.00	20.00	.....
Pennsylvania.....	611	34.86	57.94	1.96	3.44	168	41.07	53.57	1.19	2.98
Rhode Island.....	44	45.45	45.45	.....	6.82	6	100.00	.....	.....	.....
South Carolina.....	23	34.78	43.48	.....	21.74	3	.....	100.00	.....	.....
South Dakota.....	28	25.00	57.14	3.57	14.29	1	.....	100.00	.....	.....
Tennessee.....	152	45.39	44.74	.....	7.89	18	33.33	44.44	.....	22.22
Texas.....	103	31.07	56.31	.97	7.77	25	44.00	52.00	.....	.....
Utah.....	13	38.46	46.15	15.38	.....	2	50.00	50.00	.....	.....
Vermont.....	58	20.69	51.72	.....	27.59	10	40.00	50.00	.....	10.00
Virginia.....	83	30.12	62.65	.....	7.23	21	33.33	66.67	.....	.....
Washington.....	101	32.67	55.45	5.94	2.97	63	30.16	58.73	4.76	6.35
West Virginia.....	69	34.78	56.52	.....	7.25	16	37.50	56.25	.....	.....
Wisconsin.....	258	42.25	46.90	1.16	9.69	51	39.22	45.10	1.96	13.73
Wyoming.....	6	16.67	16.67	50.00	.....	1	100.00	.....	.....	.....
State not specified..	200	29.00	57.50	1.50	11.00	36	33.33	47.22	.....	16.67
Total.....	7,721	37.51	51.91	1.59	7.78	1,967	38.33	48.45	1.68	9.41



TABLE XVI.—The results of examination at mobilization camps of the men accepted as qualified for general military service with one or more defects by the medical advisory boards for the period December, 1917, to May, 1918, covering approximately the first million men sent to camp—Continued.

Table showing percentages. Not including men accepted with remediable defect and those for whom there is no record of examination at camp.]

States.	April and May, 1918.					Total December, 1917, to May, 1918.				
	Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.				Num-ber of men ac-cepted by ad-visory boards as qual-ified with one or more defects.	Results of examinations at mobilization camps.			
		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.		Men ac-cepted as qual-ified without defects.	Men ac-cepted as qual-ified with one or more defects.	Men ac-cepted for limited service.	Men re-jected.
Alabama.....	8	75.00	25.00	.....	.....	135	40.74	39.26	.....	20.00
Alaska.....	.....	.....	.....	.....	.....	3	33.33	66.67	.....	.....
Arizona.....	.....	.....	.....	.....	.....	21	23.81	52.38	14.29	4.76
Arkansas.....	5	60.00	.....	.....	40.00	65	64.62	16.92	1.54	13.85
California.....	7	.....	100.00	.....	.....	266	27.44	54.14	10.90	5.64
Colorado.....	1	100.00	.....	.....	.....	69	36.23	55.07	1.45	5.80
Connecticut.....	21	28.57	57.14	.....	14.29	239	41.42	47.70	.42	10.04
Delaware.....	.....	.....	.....	.....	.....	38	18.42	65.79	.....	10.53
District of Columbia.....	.....	.....	.....	.....	.....	44	43.18	52.27	.....	2.27
Florida.....	.....	.....	.....	.....	.....	34	20.59	55.88	5.88	14.71
Georgia.....	15	6.67	53.33	.....	33.33	296	31.53	43.05	1.02	22.37
Idaho.....	.....	.....	.....	.....	.....	23	17.39	60.87	4.35	17.39
Illinois.....	36	16.67	75.00	.....	5.56	1,150	33.30	59.74	.43	5.65
Indiana.....	5	60.00	20.00	.....	20.00	269	38.66	53.90	.74	5.95
Iowa.....	4	25.00	75.00	.....	.....	213	38.50	57.28	.....	1.88
Kansas.....	10	10.00	60.00	.....	30.00	140	33.57	41.43	2.86	19.29
Kentucky.....	7	57.14	28.57	.....	14.29	124	47.58	37.90	1.61	12.90
Louisiana.....	1	100.00	.....	.....	.....	87	59.77	24.14	1.15	13.79
Maine.....	4	75.00	25.00	.....	.....	77	59.74	29.87	.....	7.79
Maryland.....	6	16.67	33.33	16.67	16.67	120	51.67	39.17	4.17	1.67
Massachusetts.....	23	34.78	60.87	.....	4.35	476	42.65	47.48	.....	7.98
Michigan.....	27	40.74	25.93	.....	29.63	758	36.28	45.78	2.61	14.38
Minnesota.....	27	22.22	74.07	3.70	.....	275	39.27	56.73	.73	2.91
Mississippi.....	1	100.00	.....	.....	.....	76	55.26	22.37	1.32	17.11
Missouri.....	11	9.09	81.82	.....	9.09	393	27.23	58.27	3.31	10.69
Montana.....	2	50.00	50.00	.....	.....	89	28.09	60.67	4.49	5.62
Nebraska.....	4	50.00	50.00	.....	.....	82	34.15	57.32	1.22	7.32
Nevada.....	.....	.....	.....	.....	.....	6	83.33	16.67	.....	.....
New Hampshire.....	1	100.00	.....	.....	.....	49	48.98	38.78	.....	12.24
New Jersey.....	13	53.85	38.46	.....	7.69	644	43.63	48.60	1.86	4.97
New Mexico.....	2	.....	100.00	.....	.....	13	46.15	46.15	.....	7.69
New York.....	76	30.26	57.89	.....	2.63	1,925	41.04	50.29	.78	5.87
North Carolina.....	3	33.33	66.67	.....	.....	79	35.44	56.96	.....	3.80
North Dakota.....	1	.....	.....	100.00	.....	57	35.09	50.88	1.75	10.53
Ohio.....	29	31.03	44.83	.....	24.14	754	37.40	54.51	.27	7.29
Oklahoma.....	1	.....	100.00	.....	.....	144	34.03	54.86	2.08	4.86
Oregon.....	2	.....	50.00	50.00	.....	53	28.30	52.83	13.21	3.77
Pennsylvania.....	63	39.68	55.56	1.59	1.59	861	36.24	57.14	1.86	3.14
Rhode Island.....	.....	.....	.....	.....	.....	81	46.91	43.21	1.23	6.17
South Carolina.....	.....	.....	.....	.....	.....	34	26.47	55.88	.....	17.65
South Dakota.....	5	20.00	60.00	.....	20.00	40	25.00	60.00	2.50	12.50
Tennessee.....	2	50.00	50.00	.....	.....	183	43.72	45.90	.....	8.74
Texas.....	4	75.00	25.00	.....	.....	161	36.65	52.79	.62	6.83
Utah.....	3	66.67	.....	.....	33.33	27	37.04	48.15	7.41	3.70
Vermont.....	2	50.00	50.00	.....	.....	73	26.03	50.68	.....	23.29
Virginia.....	5	60.00	40.00	.....	.....	110	31.82	62.73	.....	5.45
Washington.....	6	66.67	16.67	16.67	.....	276	34.06	55.07	4.71	5.07
West Virginia.....	1	100.00	.....	.....	.....	121	33.06	58.68	.83	5.79
Wisconsin.....	17	23.53	52.94	5.88	17.65	405	40.49	47.16	1.48	10.37
Wyoming.....	.....	.....	.....	.....	.....	11	36.36	27.27	27.27	.....
State not specified..	14	14.29	71.43	7.14	7.14	310	29.35	56.77	1.29	11.61
Total.....	475	32.63	53.68	1.68	9.47	11,978	37.72	51.40	1.57	7.91

# 344 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVII.—*Defects found in men from urban and rural districts at mobilization camps and ratios per thousand men examined, and relation between rural and urban ratios. Covering approximately the first million men examined at camps in the period from June, 1917, to May, 1918.*

Disease or defect.	Urban districts.		Rural districts.		Relation of rural to urban ratio.
	Number.	Ratio per 1,000 men examined.	Number.	Ratio per 1,000 men examined.	
I. Infectious diseases.....	45	0.12	86	0.17	1.42
II. Tuberculosis, pulmonary.....	1,387	3.68	2,580	5.09	1.38
Tuberculosis, all other.....	75	.20	137	.27	1.35
III. Venereal diseases:					
Chancroid.....	321	.85	548	1.09	1.28
Gonococcus infection.....	7,766	20.60	12,541	24.74	1.20
Syphilis, all.....	1,698	4.51	2,216	4.37	.97
IV. General diseases:					
Tumors, benign.....	27	.07	49	.10	1.43
Carcinoma.....	1	.00			
Obesity.....	24	.06	22	.04	.67
Cretinism.....			3	.00	
Goiter, simple.....	946	2.51	809	1.60	.64
Exophthalmic goiter.....	164	.43	203	.40	.93
Diabetes mellitus.....	3	.01	7	.01	1.00
Alcoholism, chronic.....	61	.16	28	.06	.38
Drug addiction.....	155	.41	47	.09	.22
Arthritis.....	166	.44	288	.57	1.30
Poisoning, chronic.....	2	.00	2	.00	
Other general diseases.....	141	.37	194	.38	1.03
V. Nervous diseases:					
Speech, defective.....	43	.11	65	.13	1.18
Neurasthenia.....	35	.09	48	.09	1.00
Neuritis.....	14	.04	20	.04	1.00
Multiple sclerosis.....	15	.04	28	.05	1.25
Paralysis of muscle.....	31	.09	42	.08	.90
Paralysis of nerve.....	10	.03	19	.04	1.33
Epilepsy.....	264	.70	471	.93	1.33
Jacksonian epilepsy.....	3	.01	3	.01	1.00
Hysteria.....	14	.03	47	.09	3.00
Tabes dorsalis.....	27	.07	18	.04	.57
Other diseases of the nervous system.....	120	.32	198	.39	1.27
VI. Mental diseases:					
Mental deficiency.....	456	1.21	1,426	2.83	2.33
Dementia præcox.....	76	.20	135	.37	1.85
Constitutional psychopathic states.....	75	.20	113	.23	1.19
Psychasthenia.....	14	.03	16	.03	1.00
Psychoneuroses.....	52	.14	76	.15	1.07
Psychoses, alcoholic.....	11	.03	6	.01	.33
General paralysis of the insane.....	7	.02	18	.04	2.00
Psychoses, other.....	63	.16	98	.19	1.19
VII. Diseases of the eye:					
Defective vision (cause not stated).....	3,354	8.90	3,571	7.04	.79
Strabismus.....	106	.28	188	.37	1.32
Myopia.....	330	.87	350	.69	.79
Hyperopia.....	84	.22	79	.15	.68
Astigmatism.....	287	.76	195	.38	.50
Leucoma.....	9	.03	9	.02	.67
Cataract.....	36	.10	64	.12	1.20
Conjunctivitis, other.....	119	.32	233	.46	1.44
Conjunctivitis, granular.....	82	.22	322	.63	2.88
Pterygium.....	79	.21	332	.65	3.10
Choroiditis.....	23	.06	29	.06	.83
Retinitis.....	6	.01	8	.02	2.00
Amblyopia.....	74	.19	108	.21	1.11
Color blindness.....	6	.02	5	.01	.50
Glaucoma.....	11	.03	5	.01	.33
Keratitis.....	7	.02	12	.02	1.00
Nystagmus.....	9	.02	42	.09	4.56
Eye, enucleation of.....	4	.01	4	.01	1.00
Other diseases of the eye.....	112	.29	191	.38	1.31
VIII. Diseases of the ear:					
Defective hearing.....	192	.51	293	.58	1.14
Otitis media.....	1,018	2.70	1,018	2.00	.74
Perforated ear drum.....	87	.23	77	.15	.65
Otitis, external.....	6	.02	9	.02	1.00
Other diseases of the ear.....	26	.07	37	.07	1.00

TABLE XVII.—Defects found in men from urban and rural districts at mobilization camps and ratios per thousand men examined, and relation between rural and urban ratios. Covering approximately the first million men examined at camps in the period from June, 1917, to May, 1918—Continued.

Disease or defect.	Urban districts.		Rural districts.		Relation of rural to urban ratio.
	Number.	Ratio per 1,000 men examined.	Number.	Ratio per 1,000 men examined.	
IX. Diseases of the nose:					
Nose, external deformity of.....	1	0.00			
Deviation of nasal septum.....	47	.12	75	0.15	1.25
Polypus nasal.....	3	.01	6	.01	1.00
Turbinate hypertrophy.....	52	.14	68	.13	.93
Rhinitis, hypertrophic.....	20	.05	29	.06	1.20
Sinusitis.....	11	.03	25	.05	1.67
Other diseases of the nasal fossae.....	45	.11	67	.13	1.18
X. Diseases of the throat:					
Tonsillitis, hypertrophic.....	9,038	23.98	12,229	24.12	1.01
Other diseases of the pharynx.....	211	.56	285	.56	1.00
Other diseases of the larynx.....	3	.01	4	.01	1.00
XI. Circulatory system:					
Endocarditis, acute, chronic.....	126	.33	173	.34	1.03
Valvular heart disease—					
Tricuspid lesions.....	1	.00	5	.01	
Mitral insufficiency.....	1,577	4.19	2,339	4.61	1.10
Mitral stenosis.....	504	1.34	810	1.59	1.19
Aortic insufficiency.....	142	.37	166	.32	.86
Aortic stenosis.....	21	.06	60	.11	1.83
Combined lesions, aortic and mitral..	20	.06	21	.04	.67
Pulmonic lesions.....	6	.02	13	.03	1.50
Unclassified.....	201	.54	163	.32	.59
Myocarditis.....	53	.14	95	.18	1.29
Myocardial insufficiency.....	7	.02	5	.01	.50
Pericarditis.....	4	.01	3	.01	1.00
Heart block.....	4	.01	5	.01	1.00
Cardiac hypertrophy.....	175	.46	279	.55	1.20
Cardiac dilatation.....	23	.06	14	.02	.33
Cardiac arrhythmias.....	44	.12	59	.11	.92
Tachycardia.....	183	.49	238	.47	.96
Bradycardia.....			5	.01	
Hemorrhoids.....	364	.96	523	1.03	1.07
Varicose veins.....	620	1.64	672	1.33	.81
Varicocoele.....	1,163	3.09	1,834	3.62	1.17
Other diseases of the circulatory system..	155	.41	175	.34	.83
XII. Respiratory system:					
Asthma.....	177	.47	331	.65	1.38
Bronchitis.....	89	.24	136	.27	1.18
Pleurisy, fibrinous.....	29	.07	30	.06	.86
Other diseases of the respiratory system...	106	.28	202	.40	1.43
XIII. Digestive system:					
Defective or deficient teeth.....	1,992	5.29	2,615	5.16	.96
Dental caries.....	5	.01	8	.01	1.00
Gastro-enteroptosis.....	1	.00	1	.00	
Appendicitis.....	16	.04	22	.04	1.00
Intestinal obstruction.....	1	.00			
Inguinal rings, enlargement of.....	8,863	23.51	9,694	19.12	.81
Hernia.....	5,643	14.96	7,134	14.07	.94
Fistula in ano.....	69	.18	105	.21	1.17
Other diseases of the digestive system.....	284	.75	337	.66	.88
XIV. Genito-urinary system (nonvenereal):					
Nephritis, acute, chronic.....	85	.09	40	.08	.89
Nephroptosis.....			6	.02	
Hydrocele.....	262	.70	376	.74	1.06
Other diseases of the genito-urinary system (nonvenereal).....	579	1.51	879	1.74	1.15
XV. Diseases of the skin:					
Bromidrosis.....	5	.01	6	.01	1.00
Raynaud's disease.....	4	.01	2	.00	
Cellulitis.....			1	.00	
Large scar of face.....	2	.01	9	.02	2.00
Keloid.....	3	.01	3	.01	1.00
Abdominal scar.....	67	.17	87	.17	1.00
Other diseases of the skin.....	507	1.34	691	1.36	1.01

# 346 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVII.—*Defects found in men from urban and rural districts at mobilization camps and ratios per thousand men examined and relation between rural and urban ratios. Covering approximately the first million men examined at camps in the period from June, 1917, to May, 1918—Continued.*

Disease or defect.	Urban districts.		Rural districts.		Ratio of rural to urban ratio.
	Number.	Ratio per 1,000 men examined.	Number.	Ratio per 1,000 men examined.	
<b>XVI. Bones and organs of locomotion:</b>					
Osteitis deformans.....	5	0.02	5	0.01	0.5
Ankylosis, bony, of joint.....	280	.74	309	.79	1.07
Ankylosis, fibrous, of joint.....	800	1.50	1,058	2.08	1.38
Bursitis.....	10	.08	7	.01	.3
Tenosynovitis.....	9	.03	4	.00	.....
Relaxed ligaments of joint.....	17	.05	38	.08	1.6
Joint, resection of.....	2	.00	3	.01	.....
Chronic dislocation (other than hand).....	67	.18	123	.25	1.3
Contracture of joint.....	50	.16	119	.23	1.4
Contracture of muscle, fascia, tendon, sheath.....	50	.16	99	.20	1.25
Bunion.....	438	1.16	418	.83	.7
Hammer toe.....	1,480	3.95	1,201	2.37	.6
Ingrowing nail.....	15	.04	19	.04	1.0
Contraction of plantar fascia.....	1	.00	2	.00	.....
Pes cavus.....	96	.25	124	.25	1.0
Pes planus.....	78,901	209.27	80,784	159.35	.73
Pronated foot.....	1,376	3.66	1,821	3.59	.9
Loss of part of foot.....	231	2.02	418	.64	.3
Deformities of the foot (cause or type not specified).....	245	2.12	307	.60	.3
Ganglion.....	3	.01	2	.00	.....
Depressed fracture of skull.....	85	.22	121	.24	1.0
Dupuytren's contraction of palmar fascia..	1	.00	2	.00	.....
Deformities of hand (result of old injury or infection).....	411	1.00	643	1.27	1.27
Loss of one or more fingers.....	954	2.53	1,468	2.89	1.14
Loss of part or whole of lower extremity...	22	.05	30	.06	1.2
Shortening of lower extremity.....	227	.60	298	.59	.9
Loss of part or whole of upper extremity..	9	.03	23	.04	1.3
Malunion fracture of upper extremity.....	336	.90	496	.98	1.09
Malunion fracture of lower extremity.....	348	.92	557	1.10	1.20
Malunion fracture other than extremity...	21	.06	51	.10	1.6
Nonunion fracture of upper extremity.....	11	.03	12	.03	1.0
Nonunion fracture of lower extremity.....	8	.02	15	.03	1.3
Recent operation wounds.....	21	.06	24	.05	.9
Scar of head.....	12	.03	12	.02	.7
Curvature of spine.....	290	.77	363	.72	.94
Hernia of muscle.....	3	.01	4	.01	1.0
Other diseases of bones and organs of locomotion.....	504	1.34	911	1.79	1.34
<b>XVII. Malformation and ill-defined diseases:</b>					
Defective physical development.....	288	.76	300	.71	.93
Deficient chest measurement.....	27	.05	23	.05	1.0
Overweight.....	110	.29	91	.18	.62
Underweight.....	1,246	3.31	1,201	2.36	.71
Malnutrition.....	2	.00	3	.00	.....
Anorchism.....	16	.04	8	.01	.25
Monorchism.....	45	.12	46	.09	.75
Cryptorchidism.....	617	1.63	751	1.48	.91
Hypospadia.....	82	.21	109	.21	1.0
Fistula, post operative.....	5	.01	3	.00	.....
Fistula, other.....	23	.06	38	.07	1.17
Bullet or other recent wounds.....	74	.20	186	.37	1.5
Ill-defined diseases.....	307	.81	438	.86	1.0
Disease or defect not specified.....	238	.64	300	.71	1.11
Under observation or undiagnosed.....	46	.12	63	.13	1.08
Total.....	144,233	382.56	168,000	332.56	.87



## 348 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified<sup>1</sup> with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.	
	Cities. <sup>2</sup>	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		1				1		
II. Tuberculosis, pulmonary.....		5				2		
Tuberculosis, all other.....								
III. Venereal diseases:								
Chancroid.....	5	32				2		6
Gonococcus infection.....	210	790		1	30	75	10	100
Syphilis, all.....	121	223				10	1	14
IV. General diseases:								
Tumors, benign.....								
Obesity.....								
Cretinism.....								
Goiter, simple.....				1	1		1	2
Exophthalmic goiter.....								
Diabetes mellitus.....								
Alcoholism, chronic.....								
Drug addiction.....								
Arthritis.....	1	3						2
Poisoning, chronic.....								
Other general diseases.....	3	2			1			2
V. Nervous diseases:								
Speech, defective.....						1		
Neurasthenia.....								
Neuritis.....								
Multiple sclerosis.....								
Paralysis of muscle.....						1		
Paralysis of nerve.....								
Epilepsy.....								
Hysteria.....								
Tabes dorsalis.....								
Other diseases of nervous system.....	1	1					1	
VI. Mental diseases:								
Mental deficiency.....		3					3	9
Constitutional psychopathic states.....								
Psychasthenia.....								
Psychoneuroses.....								
Psychoses, alcoholic.....								
Psychoses, other.....								
VII. Diseases of the eye:								
Defective vision, cause not stated.....	11	33			1	3	6	2
Strabismus.....		2			1	2		
Myopia.....		2				1		
Hyperopia.....					2			
Astigmatism.....						1		1
Leucoma.....								
Cataract.....								1
Conjunctivitis, other.....	4	4			2	10		1
Conjunctivitis, granular.....					1			
Pterygium.....		2			2	8		3
Choroiditis.....				1				
Retinitis.....								
Amblyopia.....		1				1		
Color blindness.....								
Glaucoma.....								
Keratitis.....								
Nystagmus.....								
Eye enucleation of.....		1						
Other diseases of the eye.....		1			1			
VIII. Diseases of the ear:								
Defective hearing.....		1			1	1		
Otitis media.....	3	10				3	2	3
Perforated ear drum.....								
Otitis external.....								
Other diseases of the ear.....		2				1		

<sup>1</sup> Includes men accepted as qualified for general military service, limited service, and with remediable defect.

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 349

men who came from cities and densely populated counties in comparison with those  
camp, covering period June, 1917, to May, 1918, inclusive.

[Absolute numbers.]

California.		Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
1	1			3						1			1		
2	4		2	3	1	5	2	5		1		1	15		
2	1					1									
3	2		1	3	2		1	4		4	10	5	48		3
172	104	45	86	93	60	22	16	83	3	135	252	120	766	4	21
18	8	4	11	14	5	7	4	6		32	53	39	152		
	1			1							1	1	2		
48	34		4	1				2					1	5	27
	1				1			2							1
2				2											
				1											
5	3		1	1		4				3		1	2		
2	4			4		2	1	2		2		2	4		1
1	1	1									1			1	
1													1		
			1										1		
	1				1								1		
3				1							1				
	1											1	1		
1													2		
65	39	6	7	93	77	1		9	1	1	9	4	27	1	4
5	4			1	6							2	3		1
5	5		1		2	1		1					4		
	1		1	1									1		
3	3	1		17	3			2			1		1		
											1				
10	3	1	1					1				8	6		1
5	3											1			2
16	16		5				1	1	1	1	6	4	7		3
	2												1		
1	1														
								1					1		
1															
													1		
4	1	1		1	1							2	4		
2	1			9	4	1		2					5		
12	12		1	1		1		1			3		1		2
10	3														
													1		

<sup>1</sup> Includes cities and densely populated counties in each state

# 350 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent

[Absolute numbers.]

Accepted, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....	2	1	1				1		
II. Tuberculosis, pulmonary.....	4	9	11	6	9	1	2		
Tuberculosis, all other.....									1
III. Venereal diseases:									
Chancroid.....	20	13	16	7	14	2	3	3	4
Gonococcus infection.....	377	434	620	210	405	65	242	26	15
Syphilis, all.....	32	43	64	34	38	8	25	6	15
IV. General diseases:									
Tumors, benign.....	2	1	6	1	2		3		1
Obesity.....	1	2	3	1					1
Cretinism.....									
Goiter, simple.....	119	160	56	14	27	16	33	2	4
Exophthalmic goiter.....	4	2				1			
Diabetes mellitus.....									
Alcoholism, chronic.....	1	4	1	1			1		
Drug addiction.....		1					1		
Arthritis.....	4	2	8		1				
Poisoning, chronic.....									
Other general diseases.....	1	5	5	4	4	1		1	1
V. Nervous diseases:									
Speech, defective.....		1							
Neurasthenia.....									
Neuritis.....									
Multiple sclerosis.....	1								
Paralysis of muscle.....		1			1		1		1
Paralysis of nerve.....			1						
Epilepsy.....		1	1		1		1		
Hysteria.....			1		1				
Tabes dorsalis.....									
Other diseases of nervous system...	2	1	3	2	3		3		3
VI. Mental diseases:									
Mental deficiency.....			3		6		1		1
Constitutional psychopathic states.....			1	1					
Psychasthenia.....									
Psychoneuroses.....	1								
Psychoses, alcoholic.....									
Psychoses, other.....									
VII. Diseases of the eye:									
Defective vision, cause not stated..	26	30	44	20	33	8	10	2	4
Strabismus.....	6	4	8	3	4	2	1		1
Myopia.....		3	4	5	19		2		3
Hyperopia.....	1	1	5	1	2		1		
Astigmatism.....	2	1	5	1	2		1	2	1
Leucoma.....									
Cataract.....			1		1	1			
Conjunctivitis, other.....	4	4	9	4	15	3	2	1	12
Conjunctivitis, granular.....			7		2		1		
Pterygium.....		5	13	2	3	3	1	1	11
Choroiditis.....									
Retinitis.....									
Amblyopia.....	1	1	3		2	1			1
Color blindness.....	1			1					
Glaucoma.....		1			1				
Keratitis.....									1
Nystagmus.....				1					
Eye, enucleation of.....									
Other diseases of the eye.....	3	7		4	2	1	1	1	1
VIII. Diseases of the ear:									
Defective hearing.....	5	1	9	4	6	2	3		5
Otitis media.....	5	7	13	8	20	3	9	2	7
Perforated eardrum.....	5	2	2						
Otitis external.....									
Other diseases of the ear.....	1					1			1





# 352 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent

[Absolute numbers.]

Accepted, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		1		4		2		
II. Tuberculosis, pulmonary.....	1	1	4	2				
Tuberculosis, all other.....			1	1		1		
III. Venereal diseases:								
Chancroid.....		4	13	14	1	2	1	
Gonococcus infection.....	23	213	314	332	14	50	62	2
Syphilis, all.....	8	74	64	53	1	5	11	9
IV. General diseases:								
Tumors, benign.....				1		1	1	
Obesity.....		1						
Cretinism.....								
Goiter, simple.....		1	23	9	16	73	2	3
Exophthalmic goiter.....						1		
Diabetes, mellitus.....								
Alcoholism, chronic.....								
Drug addiction.....							1	
Arthritis.....		1	1	4	1		1	1
Poisoning, chronic.....				1				
Other general diseases.....			3	2	1	1		
V. Nervous diseases:								
Speech, defective.....				1		1		
Neurasthenia.....								
Neuritis.....								
Multiple sclerosis.....								
Paralysis of muscle.....				1		1		1
Paralysis of nerve.....								
Epilepsy.....		2					1	1
Hysteria.....								
Tabes dorsalis.....								
Other diseases of nervous system.....		2		3				
VI. Mental diseases:								
Mental deficiency.....	1	13	1	3			1	
Constitutional psychopathic states.....								
Psychasthenia.....								
Psychoneuroses.....				1				
Psychoses, alcoholic.....								
Psychoses, other.....								
VII. Diseases of the eye:								
Defective vision, cause not stated.....	6	53	28	29	5	13	4	4
Strabismus.....	1	3	1	5		1		3
Myopia.....			4	2	1			1
Hyperopia.....				2				
Astigmatism.....			2	2			1	3
Leucoma.....			1					
Cataract.....								1
Conjunctivitis, other.....		1	16	30		4	1	3
Conjunctivitis, granular.....			1	16				1
Pterygium.....	1	4	6	16	1	4	2	
Choroiditis.....		1						
Retinitis.....								
Amblyopia.....			2	1				
Color blindness.....								
Glaucoma.....								
Keratitis.....								
Nystagmus.....								
Eye, enucleation of.....								
Other diseases of the eye.....	1	2	2	4			1	1
VIII. Diseases of the ear:								
Defective hearing.....		7	1	6	2	3		
Otitis media.....		18	9	14	2	2	1	
Perforated eardrum.....			3			1		1
Otitis external.....								
Other diseases of the ear.....			1					

men who came from cities and densely populated counties in comparison with those camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

Nevada.		New Hamp- shire.		New Jersey.		New Mexico.		New York.			North Caro- lina.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	New York City.	Other cities.	Rural districts.	Cities.	Rural districts.
			1	27	1		1	1		1		2
				1	9		1	4	13	9		2
									1			
2	1			9	10		1	11	18	8	4	12
	14	4	20	41	157	7	59	489	409	405	49	372
		1	1	13	20	1		60	55	34	14	88
					1	1		1	1			
	1			5		1		2	6	10		3
									1			
				1								
				2								
				6	6			1	7	3		4
				7	2		1	3	3	5		3
				1	1				1			
					1			2				
					1							
								1				
					2			2				1
					1							
	1			2	2		1	5	1			
									2			
					1					1		1
					1							
									1			
				1	1							
	1	1	11	79	68		3	103	72	79	3	15
				3	3			4	2	5	1	3
				14	14	1		8	13	20		1
		1		1	4			7	3	4		
			2	11	8		2	77	14	13		
	1				1		1	5	1	3	1	3
	1			1				6	1	1		
	1			1	2		4		2	1	5	57
					1			1		2		
									1			
				1						1		
												1
			1	2	11		2	1	4	1		5
1			1		1			4	3	5		4
			3	13	9			30	16	10	1	4
	1		1	6	5			9	4	6		1
										1		
					2					1		2

# 354 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		1	1	1		3		1
II. Tuberculosis, pulmonary.....		1	13	7		3		
Tuberculosis, all other.....		1						2
III. Venereal diseases:								
Chancroid.....		3	58	24	5	46		
Gonococcus infection.....	15	80	901	469	96	617	11	5
Syphilis, all.....	2	14	102	46	10	52	1	2
IV. General diseases:								
Tumors, benign.....			1	1		1		
Obesity.....			1	3		1		
Cretinism.....								
Goiter, simple.....	3	5	60	35		5	29	
Exophthalmic goiter.....			3	3			3	1
Diabetes mellitus.....								
Alcoholism, chronic.....			1	1				
Drug addiction.....			1			1		
Arthritis.....			7	9		3		1
Poisoning, chronic.....			1					
Other general diseases.....			8	4				1
V. Nervous diseases:								
Speech, defective.....			2	1		1		
Neurasthenia.....			1					
Neuritis.....		1						
Multiple sclerosis.....								
Paralysis of muscle.....								
Paralysis of nerve.....						1		
Epilepsy.....						1		
Hysteria.....								
Tabes dorsalis.....								
Other diseases of nervous system.....		1	4	1	1			
VI. Mental diseases:								
Mental deficiency.....			3	1		3		
Constitutional psychopathic states.....						3		
Psychasthenia.....			1					
Psychoneuroses.....								
Psychoses, alcoholic.....			1					
Psychoses, other.....						1		
VII. Diseases of the eye:								
Defective vision, cause not stated.....	4	8	39	15	4	21	4	2
Strabismus.....			2	3	1	1		
Myopia.....			2	3		1		
Hyperopia.....								
Astigmatism.....		2	3	2			1	
Leucoma.....								
Cataract.....			1					
Conjunctivitis, other.....			8			2		
Conjunctivitis, granular.....			1			2		1
Pterygium.....		2	2	1	3	23		2
Choroiditis.....								
Retinitis.....								
Amblyopia.....			1	1		2		
Color blindness.....								
Glaucoma.....						1		
Keratitis.....								
Nystagmus.....								
Eye, enucleation of.....								
Other diseases of the eye.....			7	1	3	9		
VIII. Diseases of the ear:								
Defective hearing.....		1	1	1		4	1	
Otitis media.....	1	2	8	8		24	2	2
Perforated ear drum.....						1		1
Otitis external.....			2	1				
Other diseases of the ear.....	2			1			1	

men who came from cities and densely populated counties in comparison with those from rural areas, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

Pennsylvania.			Rhode Island.		South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.	
Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
.....	1	2	1	.....	.....	.....	2	1	.....	1	.....	1	.....	.....
4	11	10	.....	.....	.....	6	.....	.....	4	6	.....	5	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
8	18	45	.....	.....	13	41	.....	.....	6	7	21	58	.....	1
300	528	929	38	34	88	555	2	32	160	299	285	1,126	15	16
19	65	94	6	.....	2	31	.....	2	30	42	20	55	.....	.....
.....	2	3	1	.....	.....	.....	.....	.....	1	1	2	5	.....	.....
.....	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
4	37	37	.....	.....	.....	2	1	3	1	1	2	2	5	18
1	.....	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
2	6	5	.....	.....	.....	3	.....	.....	1	2	1	5	.....	.....
.....	5	9	.....	.....	.....	1	.....	1	1	.....	5	6	1	8
1	.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	2	3	2	.....	.....	5	.....	1	.....	2	.....	3	.....	.....
3	2	5	2	1	.....	3	.....	.....	.....	2	.....	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....
26	35	64	17	7	1	7	.....	3	2	15	7	34	3	9
1	3	5	.....	.....	.....	.....	.....	2	1	1	3	4	.....	.....
17	22	24	.....	1	.....	.....	.....	1	1	3	2	5	.....	.....
6	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	13	14	3	1	.....	.....	.....	1	1	4	.....	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	3	16	.....	.....	.....	1	.....	1	2	8	5	22	.....	1
.....	.....	2	.....	.....	.....	4	.....	3	2	6	1	3	1	1
.....	1	3	1	.....	.....	.....	.....	.....	.....	.....	7	87	1	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	2	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	2	3	1	.....	.....	1	.....	.....	.....	3	2	4	.....	.....
2	2	4	3	.....	.....	.....	.....	2	.....	3	3	3	.....	1
4	16	20	2	3	.....	.....	.....	.....	4	8	5	13	.....	2
2	3	2	.....	.....	2	.....	.....	.....	.....	8	2	7	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
1	3	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....

# 356 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....				2	1	
II. Tuberculosis, pulmonary.....	1	1	1	4	2	
Tuberculosis, all other.....					1	
III. Venereal diseases:						
Chancroid.....			14	49		1
Gonococcus infection.....	3	21	319	1,002	62	35
Syphilis, all.....		2	69	109	1	4
IV. General diseases:						
Tumors, benign.....			1	3		
Obesity.....					1	
Cretinism.....						
Goiter, simple.....		1	2	12	98	76
Exophthalmic goiter.....					8	5
Diabetes mellitus.....						
Alcoholism, chronic.....						
Drug addiction.....						
Arthritis.....			1	2		
Poisoning, chronic.....						
Other general diseases.....			1	5	6	3
V. Nervous diseases:						
Speech, defective.....						1
Neurasthenia.....						
Neuritis.....						
Multiple sclerosis.....						
Paralysis of muscle.....						1
Paralysis of nerve.....						
Epilepsy.....						
Hysteria.....						
Tabes dorsalis.....						
Other diseases of nervous system.....	1				2	
VI. Mental diseases:						
Mental deficiency.....				2	1	
Constitutional psychopathic states.....						
Psychasthenia.....						
Psychoneuroses.....						
Psychoses, alcoholic.....						
Psychoses, other.....						
VII. Diseases of the eye:						
Defective vision cause not stated.....	3	4	3	15	15	5
Strabismus.....		1		2	2	2
Myopia.....	1	1		5	1	1
Hyperopia.....	1		1	1		
Astigmatism.....		2		3		
Leucoma.....						
Cataract.....						
Conjunctivitis, other.....			2	4		1
Conjunctivitis, granular.....		1		1	1	2
Pterygium.....			2	1	1	1
Choroiditis.....						
Retinitis.....						
Amblyopia.....				1		
Color blindness.....					1	
Glaucoma.....			1			
Keratitis.....						
Nystagmus.....						
Eye, enucleation of.....						
Other diseases of the eye.....					1	
VIII. Diseases of the ear:						
Defective hearing.....		1		1	2	
Otitis media.....			3	3	7	6
Perforated ear drum.....			1	2	2	1
Otitis external.....						
Other diseases of the ear.....						



# 358 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

**TABLE XVIII.**—*Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to*

(Absolute numbers.)

Accepted, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>								
Deviation of nasal septum.....	5	5					1	3
Turbinate hypertrophy.....		1						
Polypus nasal.....		1						
Rhinitis hypertrophic.....	3	7						1
Sinusitis.....								
Other diseases of the nasal fossæ.....								
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.....	118	287	1	10	27	50	34	
Other diseases of the pharynx.....	1	5		2	3	1	1	
Other diseases of the larynx.....								
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.....		3						1
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....	6	5		1	3	5	21	
Mitral stenosis.....	1	2						2
Aortic insufficiency.....								
Aortic stenosis.....								
Combined lesions, aortic and mitral.....				1	1			
Pulmonic lesions.....								
Unclassified.....		2						2
Myocarditis.....		1						
Myocardial insufficiency.....								
Pericarditis.....								
Heart block.....								
Cardiac hypertrophy.....		1						1
Cardiac dilatation.....								
Cardiac arrhythmias.....		1						1
Tachycardia.....								
Bradycardia.....								
Hemorrhoids.....	2	9			4	1	11	
Varicose veins.....	1	3			3	1	4	
Varicocele.....	8	37		6	13	5	2	
Other diseases of circulatory system.....	5	2			3	2	4	
<b>XII. Respiratory system:</b>								
Asthma.....		2			1		1	
Bronchitis.....		1						1
Pleurisy, fibrinous.....								2
Other diseases of respiratory system.....	1	2						1
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.....	2	5						3
Dental caries.....								
Appendicitis.....								
Intestinal obstruction.....								
Hernia.....	27	142	2	19	26	13	43	
Inguinal rings, enlargement of.....	41	85	8	23	37	10	2	
Fistula in ano.....		2			1			
Other diseases of digestive system.....	3	6				1		
<b>XIV. Genito-urinary system (nonvenereal):</b>								
Nephritis, acute, chronic.....		2						
Nephroptosis.....								
Hydrocele.....		4			2	1	3	
Other diseases of genito-urinary system (nonvenereal).....	10	17		2	6	1	3	
<b>XV. Diseases of the skin:</b>								
Bromidrosis.....								
Raynaud's disease.....								
Cellulitis.....							1	
Keloid.....								
Large scar of face.....								
Abdominal scar.....		2						
Other diseases of the skin.....	6	14		2		1	3	



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 359

men who came from cities and densely populated counties in comparison with those  
camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

California.		Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
.....	2	.....	.....	.....	.....	.....	1	1	.....	.....	.....	2	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
636	453	45	64	212	146	39	26	38	6	55	51	86	304	20	79
6	1	3	7	2	1	.....	1	.....	.....	.....	2	2	17	.....	1
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	32	2	2	10	.....	6	4	4	.....	1	3	4	10	1	7
2	4	.....	2	1	1	.....	.....	1	.....	.....	2	.....	1	.....	1
3	2	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
9	5	.....	.....	5	3	1	.....	.....	.....	.....	.....	.....	3	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	1	.....	3	.....	1	1	2	.....	.....	1	2	6	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
1	1	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
1	2	1	.....	1	1	1	1	1	.....	2	.....	1	3	.....	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	7	.....	4	4	9	.....	.....	2	.....	2	4	5	26	1	4
28	15	4	4	10	8	.....	.....	5	.....	1	1	1	6	1	5
52	39	10	18	19	16	10	1	4	2	4	16	20	56	1	11
13	3	.....	.....	2	.....	.....	.....	1	.....	4	1	1	5	.....	3
.....	.....	.....	.....	3	1	.....	.....	1	.....	.....	2	.....	5	.....	.....
4	1	.....	.....	4	.....	1	1	.....	.....	1	.....	2	29	.....	.....
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	2	.....	1
68	33	1	1	21	23	1	4	2	.....	2	3	3	22	.....	12
2	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
242	186	28	42	64	29	11	4	28	.....	30	47	62	279	8	34
881	631	39	48	282	212	22	11	56	3	34	49	43	167	9	87
1	2	.....	1	.....	1	.....	.....	1	.....	1	.....	1	7	.....	.....
1	2	1	.....	2	1	.....	.....	1	.....	.....	1	1	15	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	10	2	6	6	1	3	1	4	.....	2	1	6	8	.....	3
16	11	4	9	8	10	1	1	1	.....	6	.....	5	38	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	3	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	5	.....	1
18	12	3	7	9	3	4	.....	2	.....	1	6	8	13	.....	2

# 860 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>									
Deviation of nasal septum.....	5	1	2	2	1	1	5	.....	1
Turbinate hypertrophy.....	.....	.....	2	.....	1	.....	.....	.....	.....
Polypus, nasal.....	1	.....	1	.....	.....	.....	1	.....	.....
Rhinitis hypertrophic.....	1	1	.....	.....	.....	.....	.....	.....	.....
Sinusitis.....	.....	.....	2	1	2	.....	.....	.....	.....
Other diseases of the nasal fossae.....	.....	.....	.....	.....	2	.....	4	.....	1
<b>X. Diseases of the throat:</b>									
Tonsillitis, hypertrophic.....	649	414	558	181	325	122	455	24	162
Other diseases of the pharynx.....	5	4	6	.....	6	31	3	2	28
Other diseases of the larynx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>XI. Circulatory system:</b>									
Endocarditis, acute, chronic.....	.....	1	5	.....	5	.....	.....	.....	1
Valvular heart disease—									
Tricuspid lesions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mitral insufficiency.....	31	30	57	10	17	10	55	2	21
Mitral stenosis.....	3	3	10	2	1	1	7	.....	1
Aortic insufficiency.....	1	3	.....	.....	1	.....	.....	.....	.....
Aortic stenosis.....	.....	2	5	.....	1	.....	.....	.....	.....
Combined lesions, aortic and mitral.....	.....	1	.....	1	.....	.....	1	.....	.....
Pulmonic lesions.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Unclassified.....	.....	2	3	3	7	.....	1	1	2
Myocarditis.....	.....	1	.....	1	.....	.....	.....	.....	.....
Myocardial insufficiency.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Pericarditis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Heart block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiac hypertrophy.....	2	4	3	.....	5	.....	1	.....	.....
Cardiac dilatation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiac arrhythmias.....	1	2	2	1	3	.....	.....	.....	.....
Tachycardia.....	1	3	3	4	.....	.....	.....	.....	.....
Bradycardia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hemorrhoids.....	32	11	30	7	18	4	14	3	5
Varicose veins.....	29	30	32	4	17	5	10	.....	4
Varicocele.....	85	56	152	20	70	10	50	7	23
Other diseases of circulatory system	4	4	4	2	5	.....	1	.....	3
<b>XII. Respiratory system:</b>									
Asthma.....	1	1	1	1	2	.....	.....	.....	.....
Bronchitis.....	.....	1	4	2	2	.....	2	.....	.....
Pleurisy, fibrinous.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Other diseases of respiratory system	3	1	2	.....	4	.....	.....	.....	.....
<b>XIII. Digestive system:</b>									
Defective or deficient teeth.....	11	14	24	7	16	.....	6	.....	2
Dental caries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Appendicitis.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Intestinal obstruction.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hernia.....	184	337	407	60	161	67	319	15	120
Inguinal rings, enlargement of.....	260	308	356	82	150	72	151	11	57
Fistula in ano.....	2	3	1	.....	.....	1	2	.....	.....
Other diseases of digestive system.	12	14	4	3	6	3	17	.....	1
<b>XIV. Genito-urinary system (nonvenereal):</b>									
Nephritis, acute, chronic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nephroptosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrocele.....	17	18	24	9	14	3	8	1	6
Other diseases of genito-urinary system (nonvenereal).....	60	27	47	17	25	4	18	2	9
<b>XV. Diseases of the skin:</b>									
Bromidrosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raynaud's disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cellulitis.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Keloid.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Large scar of face.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Abdominal scar.....	1	5	5	1	.....	.....	4	.....	1
Other diseases of the skin.....	19	20	32	7	10	6	11	1	14

men who came from cities and densely populated counties in comparison with those  
camp, covering period June, 1917, to May, 1918, inclusive—Continued.

**[Absolute numbers.]**

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
.....	1	2	3	.....	.....	.....	.....	.....	1	2	1	.....	1	3
.....	1	1	3	.....	.....	.....	.....	.....	1	2	3	1	.....	2
.....	.....	1	2	.....	.....	.....	.....	3	1	.....	.....	.....	.....	1
.....	1	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	2
50	269	191	354	14	56	35	124	346	233	346	240	224	249	337
.....	2	5	6	.....	2	1	1	3	3	5	1	.....	8	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	4	8	.....	.....	.....	.....	.....	.....	1	2	1	.....	2
1	15	1	6	1	.....	7	6	2	3	19	38	27	24	33
.....	2	.....	1	.....	.....	1	.....	.....	.....	.....	7	3	1	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	1	.....	.....	1	5	2	2	3	4	1	1	1	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
.....	3	1	3	1	.....	5	4	2	1	1	5	2	3	3
.....	1	.....	.....	.....	.....	.....	.....	3	1	.....	1	1	1	3
.....	1	1	1	.....	1	1	.....	4	1	2	1	2	.....	.....
2	8	6	9	1	4	1	1	6	7	13	16	9	13	10
5	6	2	5	1	4	3	3	9	8	14	31	22	28	16
22	62	13	41	2	5	10	8	19	24	37	69	42	42	47
.....	4	1	.....	.....	.....	.....	1	2	.....	2	3	.....	1	1
.....	.....	.....	2	.....	1	.....	1	1	1	2	1	3	.....	.....
.....	1	1	.....	.....	1	2	.....	1	2	5	2	.....	.....	1
.....	4	1	1	.....	.....	.....	.....	1	1	1	1	.....	1	.....
2	14	5	8	2	5	2	3	31	45	103	28	41	13	12
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....
29	109	27	40	3	15	58	36	65	90	127	236	211	140	177
12	60	23	31	33	58	88	93	356	288	336	477	299	199	152
.....	1	1	.....	1	1	.....	.....	.....	.....	2	3	.....	1	1
.....	6	.....	4	.....	1	.....	.....	1	2	1	8	4	1	10
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	5	1	5	4	12	1	6	2	14	14	15	2	10	14
4	17	4	15	1	3	4	4	11	11	11	17	7	10	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	3	.....	.....	1	.....	.....	1	2	3	1	5	3
3	8	2	4	1	1	3	2	6	3	9	23	10	9	3

# 362 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>								
Deviation of nasal septum.....		1	6	2			1	
Turbinate hypertrophy.....	1	1		1			3	
Polypus nasal.....								
Rhinitis hypertrophic.....		1		1		1		
Sinusitis.....								
Other diseases of the nasal fossae.....			3					1
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.....		363	260	290	62	229	97	18
Other diseases of the pharynx.....	33	28	21	61		3	6	10
Other diseases of the larynx.....								
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.....		2	1					
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....		4	16	24	5	9	5	17
Mitral stenosis.....			2	6				2
Aortic insufficiency.....		1	1	1			1	1
Aortic stenosis.....								
Combined lesions, aortic and mitral.....		1						
Pulmonic lesions.....								
Unclassified.....			2	1	1	1		1
Myocarditis.....								
Myocardial insufficiency.....								
Pericarditis.....								
Heart block.....								
Cardiac hypertrophy.....		2	1	1		1	1	1
Cardiac dilation.....								
Cardiac arrhythmias.....			2	2	1			
Tachycardia.....		1	2				2	4
Bradycardia.....								
Hemorrhoids.....		4	11	9	1	6	3	6
Varicose veins.....		3	12	6	3	13	3	6
Varicocele.....	3	22	33	60	6	23	7	11
Other diseases of circulatory system.....			3	1	2	4	1	
<b>XII. Respiratory system:</b>								
Asthma.....		1		1	1	2		
Bronchitis.....	1				1		1	
Pleurisy, fibrinous.....								
Other diseases of respiratory system.....		4	1	3		1	1	
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.....	1	16	3	2	9	22	1	2
Dental caries.....								
Appendicitis.....							1	1
Intestinal obstruction.....								
Hernia.....	15	80	144	129	27	81	31	3
Inguinal rings, enlargement of.....	2	18	136	94	47	225	36	61
Fistula in ano.....		1	1	2				
Other diseases of digestive system.....		4	7	3	1	1	1	
<b>XIV. Genito-urinary system (nonvenereal):</b>								
Nephritis, acute, chronic.....				1				
Nephroptosis.....								
Hydrocele.....		4	11	5		7	1	3
Other diseases of genito-urinary system (nonvenereal).....		8	15	15	1	13	1	0
<b>XV. Diseases of the skin:</b>								
Bromidrosis.....				1				
Raynaud's disease.....			1	1				
Cellulitis.....								
Keloid.....				1				
Large scar of face.....						1		
Abdominal scar.....				4	1			1
Other diseases of the skin.....	1	2	9	17	3	9	4	6

# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 363

men who came from cities and densely populated counties in comparison with those from rural areas, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

				1	1				2	2		2
				1	1				2	2		2
									8	1		
4	35	17	34	611	457	17	40	782	501	507	43	361
		1		9	1	2	3	10	16	6		6
			1	3	1			4	2	1		
									1			
	3	11	6	46	36		4	26	37	37	3	11
				9	9		1		2	1		1
				4	2	1		1		1	1	
					1			1		1		
				1	1					1		
		1	1	21	6			11	28	14		1
				3						1		
				1								
		1	2	10	8			7	12	16		1
										1		6
				5	1			2	1	5		1
		1		9	4		2	16	7	9		3
		1		17	4			27	19	16	1	17
				14	14		2	22	24	26		7
1	2		6	36	29	2	5	87	49	75	4	41
				8	2			10	3	3	2	8
	1			1	2			1		2	1	1
				10	6			3	5	7		
				2	1				2	3		
	1			2	1		1		1	4		1
2	4	3	11	71	75	1	1	30	54	89	3	9
					2							
				1					2	1		
3	13	12	14	276	191	3	21	376	241	303	13	121
11	50	12	38	546	401	3	15	1,112	510	657	23	170
				2	2			5	2	2		3
	3	1	1	6	5	6	11	11	15	5	3	4
								1				
2			2	14	7		4			23	3	10
1	3	1		35	20		3	29	17	31	2	24
				2						2		
							1					
				3				4	3	4		1
	2		11	11	8	1	1	20	20	22		9

TABLE XVIII.—Men accepted as qualified with defects at mobilisation camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	North Dakota.							
	Cities.	Rural districts.						
<b>IX. Diseases of the nose:</b>								
Deviation of nasal septum.....		1		1		2		
Turbinate hypertrophy.....		1	3	1		3		
Polypus nasal.....				1				
Rhinitis hypertrophic.....		2	1					
Sinusitis.....			3	1				
Other diseases of the nasal fossae.....		2	2	2		1		
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.....	19	120	472	387	68	483	60	90
Other diseases of the pharynx.....			5	1	1	7		
Other diseases of the larynx.....								
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.....			5			1		
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....	2	8	16	6	1	31	3	4
Mitral stenosis.....			2			2		
Aortic insufficiency.....			2	1				
Aortic stenosis.....								
Combined lesions, aortic and mitral.....								
Pulmonic lesions.....								
Unclassified.....			6	2	1			
Myocarditis.....								
Myocardial insufficiency.....								
Pericarditis.....								
Heart block.....								
Cardiac hypertrophy.....			3			2	3	
Cardiac dilatation.....								
Cardiac arrhythmias.....		1	1	2		2		
Tachycardia.....	1	1	7	5		4	1	
Bradycardia.....								
Hemorrhoids.....		6	31	18	2	12		1
Varicose veins.....	1	8	20	19	3	7	2	1
Varicocele.....	4	23	122	100	7	55	7	9
Other diseases of circulatory system.....			6	1	1	2	1	
<b>XII. Respiratory system:</b>								
Asthma.....				1		1	1	
Bronchitis.....								
Pleurisy, fibrinous.....			3					
Other diseases of respiratory system.....			4	5		1		1
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.....		4	12	6	2	2	3	11
Dental caries.....				1				
Appendicitis.....				1		1		
Intestinal obstruction.....								
Hernia.....	14	70	401	262	—	129	46	28
Inguinal rings, enlargement of.....	13	62	616	411	—	542	67	55
Fistula in ano.....			2	1		1		
Other diseases of digestive system.....		2	23	11		8		
<b>XIV. Genito-urinary system (nonvenereal):</b>								
Nephritis, acute, chronic.....								
Nephroptosis.....								
Hydrocele.....		3	30	24	2	7		1
Other diseases of genito-urinary system (nonvenereal).....		4	57	37	4	15		
<b>XV. Diseases of the skin:</b>								
Bromidrosis.....			1	1				
Raynaud's disease.....								
Cellulitis.....								
Keloid.....			2					
Large scar of face.....			1	1		1		
Abdominal scar.....		1	2	2				
Other diseases of the skin.....		3	34	15	1	11	3	1



366 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>						
Deviation of nasal septum.....		1	2	2		
Turbinate hypertrophy.....						
Polypus nasal.....						
Rhinitis hypertrophic.....						
Sinusitis.....						
Other diseases of the nasal fossae.....			1	4		
<b>X. Diseases of the throat:</b>						
Tonsillitis, hypertrophic.....	14	57	49	390	232	24
Other diseases of the pharynx.....			1	4	1	
Other diseases of the larynx.....						
<b>XI. Circulatory system:</b>						
Endocarditis, acute, chronic.....				1	1	
Valvular heart disease—						
Tricuspid lesions.....						
Mitral insufficiency.....		2	9	18	15	
Mitral stenosis.....				6		
Aortic insufficiency.....			1	2	3	
Aortic stenosis.....				1		
Combined lesions, aortic and mitral.....						
Pulmonic lesions.....						
Unclassified.....				2	4	1
Myocarditis.....				1		
Myocardial insufficiency.....						
Pericarditis.....						
Heart block.....						
Cardiac hypertrophy.....	1		2	23	1	
Cardiac dilatation.....			1		1	
Cardiac arrhythmias.....				3		
Tachycardia.....			1	11	2	
Bradycardia.....						
Hemorrhoids.....		4	6	23	4	
Varicose veins.....		1	5	22	14	1
Varicocele.....	2	9	18	84	24	2
Other diseases of circulatory system.....				3	1	1
<b>XII. Respiratory system:</b>						
Asthma.....				1	1	
Bronchitis.....	1			1		
Pleurisy, fibrinous.....				1	1	
Other diseases of respiratory system.....		1		2	1	1
<b>XIII. Digestive system:</b>						
Defective or deficient teeth.....	4	7	2	5	18	5
Dental caries.....						
Appendicitis.....					1	
Intestinal obstruction.....			1			
Hernia.....	4	23	44	191	93	9
Inguinal rings, enlargement of.....	14	40	109	635	166	17
Fistula in ano.....			1	1		
Other diseases of digestive system.....				3	1	
<b>XIV. Genito-urinary system (nonvenereal):</b>						
Nephritis, acute, chronic.....						
Nephroptosis.....						
Hydrocele.....	1	3	1	9	4	6
Other diseases of genito-urinary system (nonvenereal).....	1		13	34	8	10
<b>XV. Diseases of the skin:</b>						
Bromidrosis.....						
Raynaud's disease.....						
Cellulitis.....						
Keloid.....						
Large scar of face.....						
Abdominal scar.....			1	1	1	
Other diseases of the skin.....			16	20	6	5



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 367

men who came from cities and densely populated counties in comparison with those camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
.....	1	.....	.....	.....	.....	46	72	118
.....	1	.....	.....	.....	.....	52	68	120
.....	.....	1	.....	.....	.....	3	5	8
.....	.....	.....	.....	1	.....	15	29	44
2	6	.....	.....	.....	.....	9	14	23
1	2	.....	.....	.....	.....	28	36	64
52	291	72	126	4	61	9,032	12,218	21,250
.....	1	.....	.....	1	.....	206	270	476
.....	.....	.....	.....	.....	.....	.....	1	1
.....	3	.....	.....	.....	.....	27	50	77
.....	1	.....	.....	.....	.....	1	1	2
3	22	10	10	1	2	515	716	1,231
.....	.....	2	1	.....	.....	45	83	128
.....	.....	.....	1	.....	.....	32	22	54
.....	3	.....	1	.....	.....	3	12	15
.....	.....	.....	.....	.....	.....	6	7	13
.....	.....	.....	.....	.....	.....	2	3	5
1	2	.....	.....	.....	.....	123	87	210
.....	.....	.....	.....	.....	.....	7	7	14
.....	.....	.....	.....	.....	.....	1	.....	1
.....	.....	.....	.....	.....	.....	1	.....	1
.....	.....	.....	.....	.....	.....	.....	1	1
.....	5	.....	1	2	1	91	123	214
.....	.....	.....	.....	.....	.....	3	2	5
.....	3	1	1	.....	.....	30	47	77
.....	5	1	.....	.....	.....	89	94	183
.....	.....	.....	.....	.....	.....	.....	2	2
4	10	1	6	1	.....	310	443	753
4	10	10	27	.....	2	404	446	850
8	43	23	57	2	8	1,118	1,784	2,902
1	4	.....	1	.....	1	95	92	187
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	.....	.....	20	48	68
.....	2	.....	1	.....	.....	52	79	131
.....	1	.....	.....	.....	.....	13	13	26
3	4	.....	.....	.....	.....	35	72	107
.....	.....	.....	.....	.....	.....	.....	.....	.....
3	7	10	9	1	3	542	694	1,236
.....	.....	.....	.....	.....	.....	1	6	7
.....	.....	.....	.....	.....	.....	11	12	23
.....	.....	.....	.....	.....	.....	1	.....	1
27	81	70	151	3	20	4,337	5,632	9,969
56	272	109	252	7	27	8,852	9,678	18,530
.....	2	.....	1	.....	.....	30	45	75
4	10	1	5	.....	.....	164	199	363
.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	3	5	8
.....	.....	.....	.....	.....	.....	.....	3	3
4	6	7	8	.....	1	240	355	595
.....	.....	.....	.....	.....	.....	.....	.....	.....
4	28	5	9	1	2	484	603	1,177
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	4	5	9
.....	.....	.....	.....	.....	.....	1	2	3
.....	.....	.....	.....	.....	.....	.....	1	1
.....	.....	.....	.....	.....	.....	3	3	6
.....	.....	.....	.....	.....	.....	2	8	10
1	.....	2	3	.....	.....	47	60	107
2	9	6	.....	.....	2	355	430	785

368    PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—*Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to*

[Absolute numbers.]

Accepted, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion:</b>								
Osteitis deformans.....								
Ankylosis, bony of joint.....	4	8				3		1
Ankylosis, fibrous of joint.....	8	27				2	2	1
Bursitis.....					1			
Tenosynovitis.....								
Relaxed ligaments of joint.....		1						
Joint, resection of.....								
Chronic dislocation (other than hand)...	1					3		1
Contracture of joint.....	1						1	
Contracture of muscle, fascia, tendon, sheath.....		1						
Bunion.....	4	2		1				
Hammer toe.....	3	13		4	5	7	2	
Ingrowing nail.....								
Contracture of plantar fascia.....								
Pes cavus.....								
Pes planus.....	931	1,479	4	34	162	411	194	73
Pronated foot.....	3	3						
Loss of part of foot.....	1	5				6		3
Deformities of foot (cause or type not specified).....		3		1	2			
Ganglion.....								
Depressed fracture of skull.....								
Deformities of hand, result of old injury or infection.....	3	10				2		1
Loss of one or more fingers.....	13	18	1		2	9	1	12
Loss of part or whole of lower extremity.....								
Shortening of lower extremity.....		2						
Loss of part or whole of upper extremity.....								
Malunion fracture of upper extremity.....	1	6			1	4		3
Malunion fracture of lower extremity.....	1	1			1	1		2
Malunion fracture other than extremity.....								
Nonunion fracture of upper extremity.....								
Nonunion fracture of lower extremity.....		1						
Recent operation wounds.....								
Scar of head.....		1						
Curvature of spine.....		2				2		
Hernia of muscle.....								
Other diseases of bones and organs of locomotion.....		1			1	5	1	1
<b>XVII. Malformation, ill-defined diseases:</b>								
Defective physical development.....					1			
Deficient chest measurement.....								
Overweight.....	1							
Underweight.....	4	18				3	1	
Malnutrition.....								
Anorchism.....								
Monorchism.....								
Cryptorchism.....	2	9			1	1	2	3
Hypospadia.....							1	
Fistula, post operative.....								
Fistula, other.....								
Bullet or other recent wound.....	1	3					1	1
Ill defined diseases.....		7				1		1
Disease or defect not specified.....		1				2	1	3
Under observation or undiagnosed.....		1						
Total accepted.....	1,581	3,398	5	54	286	715	324	1,637

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUTS. 369

men who came from cities and densely populated counties in comparison with those camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

California.		Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
9	10	1	1	4	2	2		2				6			2
43	27	4	8	12	10			4		4	2	6	15	1	9
1					1								1		
	1					1				1					1
5	3				1								3		2
	1		1		1						3				
15	7	3	3	4	4	1		2			3	2	6		1
216	109	9	12	14	13			8	3	3	2	1	8	3	10
	1					1		1							
1	2														
4,517	2,773	611	1,118	1,266	662	200	127	766	82	385	586	908	2,182	120	603
	2			49	26	4				14	47	1	4	1	
14	18		7	4	1	1				1	2		7	1	3
10	9	1	1	2	3	1						1	8	1	
4	6			1											
													2		1
16	20	1	4	5	7	2				1		6	27		3
58	50	8	10	15	14	1	3	2	1	3	5	5	15		10
	1														
9			1	2	1	1						2	4		
				2	1			1					1		
20	18		3	1	2	5		1					8	2	
13	19	2	7	5			1	2			2	2	6	1	2
1	3					1							1		
1	1														
										1					
	1														
5	5	1	2	4	3	1	1	1		2			4	1	2
15	14		2	7	8		2	1		1	1	2	7	1	2
8	1				1			2	1			1	1	1	
	1	1		1	1			1			1				
5	2	1		4	2			6			1				
55	15	1	1	16	5	5	5	15	1		2	20	43	3	2
													1		
6	1			3	1					1			1		
26	16	1	8	17	7	2	2	7				6	18		4
	5							1		1		1	5		
1	1														
												1	1		
1	4	1			2	2	1				2		10		
4		2	5	4	1	1	1				5		18		
18	5	1	7	4	5						2	2	7		
								1		1		2			
7,554	4,875	855	1,543	2,307	1,421	439	225	1,102	104	747	1,198	1,416	4,516	189	978

870 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to

[Absolute numbers.]

Accepted, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion:</b>									
Osteitis deformans.....									
Ankylosis, bony, of joint.....	7	20	14	3	7	4	12	2	4
Ankylosis, fibrous, of joint.....	13	29	50	7	21	5	20	2	23
Bursitis.....			1		2				
Tenosynovitis.....									
Relaxed ligaments of joint.....							1		
Joint, resection of.....									
Chronic dislocation (other than hand).....		1	3	1	2		2		
Contracture of joint.....	3	1	6	1	7		5		3
Contracture of muscle, fascia, tendon, sheath.....			2	1			1		
Bunion.....	17	13	15	7	6	3		1	5
Hammer toe.....	83	67	68	18	32	7	44	2	15
Ingrowing nail.....	1			1	1				
Contracture of plantar fascia.....									
Pes cavus.....	2	3	2	2		2	5		1
Pes planus.....	4,297	5,400	5,397	1,340	2,380	930	2,654	326	1,325
Pronated foot.....	4	11	19		1	1	2		1
Loss of part of foot.....	4	17	23	3	6	5	7	1	5
Deformities of foot (cause or type not specified).....	4	6	9	2	3		5		2
Ganglion.....									
Depressed fracture of skull.....	1	1	4		2				3
Deformities of hand, result of old injury or infection.....	18	12	24	8	15	6	11		16
Loss of one or more fingers.....	41	34	84	17	44	13	58	6	25
Loss of part or whole of lower extremity.....			5	1	1				
Shortening of lower extremity.....	5	4	6		2		3		3
Loss of part or whole of upper extremity.....									
Malunion fracture of upper extremity.....	2	13	20	3	20	2	7	2	7
Malunion fracture of lower extremity.....	5	10	13	4	5	1	9	1	13
Malunion fracture other than extremity.....			2		1		1		1
Nonunion fracture of upper extremity.....			1		1		1		
Nonunion fracture of lower extremity.....			2						
Recent operation wounds.....	1								
Scar of head.....	1		1						1
Curvature of spine.....	19	25	15	5	2	3	3	1	1
Hernia of muscle.....			1						
Other diseases of bones and organs of locomotion.....	5	9	17	5	12	1	9		10
<b>XVII. Malformation, ill-defined diseases:</b>									
Defective physical development.....	4	2		5	1		1		2
Deficient chest measurement.....	1	1	1	1					
Overweight.....	9	7	4	2	2	1		2	
Underweight.....	33	78	43	6	4	7	17	6	13
Malnutrition.....									
Anorchism.....									
Monorchism.....	1	3	1	2	3				
Cryptorchism.....	25	34	42	11	26	7	17		15
Hypospadia.....	10	8	11	3	2	1	5		3
Fistula, post operative.....									
Fistula, other.....	1	1	4	2					1
Bullet or other recent wound.....	4	2	4	2	1				1
Ill-defined diseases.....	26	11	28	11	18	8	8	1	5
Disease or defect not specified.....	17	8	15	1	3	2	6		6
Under observation or undiagnosed.....			1	1					
Total men accepted.....	6,716	7,901	8,667	2,240	4,135	1,469	4,413	479	2,755

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 371.

men who came from cities and densely populated counties in comparison with those from rural districts, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
1	10	3	2			3	3	2	3	3	5	7	12	20
4	19	3	3	1	4	7	5	5	12	11	18	12	18	37
						1	5		1		1	1		
										1				
												1		
1						2		2	1		3			1
	3							1		1	1	2	1	2
							1			1		1		2
2	5	4	1			1	3	2	7	4	18	15	26	13
6	9	10	6	1	4	8	8	21	20	26	40	31	50	71
	1									1	2		1	
						2	3		1	1	11	14	1	
309	1,167	653	753	175	311	1,825	973	2,243	1,346	1,511	3,404	2,008	2,452	2,410
	4	1	2	4	6	26	17	26	60	78	3		3	4
1	10		4	2	5	3	3	1	4	6	7	5	10	16
	6		1			2	1	4	2	3	6	5	6	4
	7						3		1	3	1	1		2
3	12	6	3		3		4	5	8	7	15	7	10	8
6	40	3	6	1	4	9	15	10	22	32	46	39	41	54
					1									5
	3		1		2		3		2	3	3	2	1	5
1	14		1			1		4	5	3	9	5	9	5
	2		2		1	1		4	3	4	2	6	5	2
	1								1	1				
											1		1	1
			1			1		1		1	1	1		
	3		1		1			3	2	3	6	5	3	4
1	4		4		2	1	7	4	5	6	8	7	8	14
	4					1				2	4		3	4
	2		2		1	1	1	2	1		2	2		
	4	3	8	2	8	7		8	10	15	13	9	13	7
	1													
	2		1			2		2	1	2	2		2	3
	21	1	4		1	7	3	5	16	23	33	15	28	23
	5	1	5				1	2	2		1	3	4	4
1			1		1			1	1	1	1			
1	4		1				1			1		2	1	
2	10	1	5	1	1	3	2	6	6	15	10	9	9	6
3	6	1	2		1	4	2	5	3	8	15	5	4	18
	1	1	2					1	1	1	2			
629	2,550	1,154	1,721	278	604	2,372	1,505	3,424	2,547	3,204	5,618	3,579	3,839	3,876

TABLE XVIII.—*Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to*  
[Absolute numbers.]

Accepted, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion:</b>								
Osteitis deformans.....								
Ankylosis, bony, of joint.....		3	6	8	2	8	1	4
Ankylosis, fibrous, of joint.....		9	14	40	5	21	6	7
Bursitis.....				1				
Tenosynovitis.....					1			
Relaxed ligaments of joint.....				2				
Joint, resection of.....								
Chronic dislocation (other than hand).....			1	1		1		1
Contracture of joint.....		2	2	4		1	1	1
Contracture of muscle, fascia tendon, sheath.....								1
Bunlon.....		2	9	7		5	3	6
Hammer toe.....		5	22	19	7	27	10	20
Ingrowing nail.....								
Contracture of plantar fascia.....								
Pes cavus.....			3	2		3	1	
Pes planus.....	76	554	2,810	3,423	359	1,737	802	1,636
Pronated foot.....	1	2	3	3		2		2
Loss of part of foot.....		1	6	11	1	6	4	5
Deformities of foot (cause or type not specified).....		4	7	10	2	4	2	5
Ganglion.....								
Depressed fracture of skull.....			3	8		1		2
Deformities of hand, result of old injury or infection.....		3	16	17	6	10	4	6
Loss of one or more fingers.....		15	25	30	7	38	4	13
Loss of part or whole of lower extremity.....			1			1		
Shortening of lower extremity.....		1	4	1				
Loss of part or whole of upper extremity.....				1				1
Malunion fracture of upper extremity.....	1	4	13	19	3	10	3	8
Malunion fracture of lower extremity.....	1	5	6	13	3	6	1	8
Malunion fracture other than extremity.....						1		1
Nonunion fracture of upper extremity.....				1				1
Nonunion fracture of lower extremity.....				1				
Recent operation wounds.....								
Scar of head.....								
Curvature of spine.....			10	7		4	1	
Hernia of muscle.....			1					
Other diseases of bones and organs of locomotion.....		5	7	10		4	2	3
<b>XVII. Malformation, ill-defined diseases:</b>								
Defective physical development.....		1	2	1		1	2	1
Deficient chest measurement.....			1					
Overweight.....		2	3				1	
Underweight.....	1	4	21	16	4	9	2	1
Malnutrition.....								
Anorchism.....								
Monorchism.....				1	2	2		1
Cryptorchidism.....		5	19	12	4	13	1	16
Hypospadia.....			1	3		1	1	1
Fistula, post operative.....			1					
Fistula, other.....			1	1		1		
Bullet or other recent wound.....		6	1	6	2	3	1	1
Ill-defined diseases.....		2	12	14		2	3	8
Disease or defect not specified.....		5		11	1	5		4
Under observation or undiagnosed.....								
Total men accepted.....	179	1,614	4,230	5,008	626	2,754	1,155	2,238

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 373

men who came from cities and densely populated counties in comparison with those  
camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

Nevada.		New Hamp- shire.		New Jersey.		New Mexico.		New York.			North Caro- lina.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Cities.	Rural districts.	Cities.	Rural districts.
		1	1	4	3		1	7	4	6	1	2
	8	1	3	15	11		3	25	16	22	1	5
				1				2				16
									1			1
												2
				1			1	3	1	2		1
				1	1	1		9	2	1		2
					2		1	2		2		6
9	10		1	10	5	1	2	26	39	11	4	17
			2	240	23	2	8	169	55	49	3	16
				1								
				3	3	1		1	2	4		1
59	208	99	205	2,005	1,562	69	429	9,949	4,246	5,010	345	2,711
		1		34	19			12	51	47	2	20
			2	4	5		1	23		16	1	15
		1		19	4		1	4	10	7		15
1	1			2	1			1				
								3	2	2		
	2	1		16	12		2	20	16	17	1	10
1	6		8	47	29	2	3	58	23	50	4	20
					1						1	
	1			3	6			8	13	8		2
	2		1	13	11			16	13	15		11
				2	6		1	12	6	7	1	5
					1				1	2		
			1	1				1				
				1	1				2	1		1
		2	2	7	3			3	17	11		3
				10	1		2	10	13	20	3	3
2				4	6			6	4	4		2
				2								
			1		1		1	7	3	1	1	1
		1	2	39	10	1		42	26	47	1	5
				1								
				4						5	1	1
	2	1	2	35	30		7	75	24	33	1	6
				5	1					3		5
								1				
					2					1		1
				2	3			1	1	2		
		1		15	12		1	3	30	13		17
			2	5	3	1	1	21	13		1	15
			3		2			2				
109	375	168	389	5,209	3,440	125	656	13,967	6,898	8,088	556	4,358

374 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to [Absolute numbers.]

Accepted, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion:								
Osteitis deformans.....			2					
Ankylosis, bony of joint.....	1	6	23	7		5	4	2
Ankylosis, fibrous of joint.....		19	28	17	6	28	2	4
Bursitis.....			2					
Tenosynovitis.....			1					
Relaxed ligaments of joint.....			2	1		1		
Joint, resection of.....						1		
Chronic dislocation (other than hand).....			1	1		1		
Contracture of joint.....		1	6			3		
Contracture of muscle, fascia, tendon, sheath.....		1				1		
Bunion.....	1	1	32	23	1	5		1
Hammer toe.....		32	101	62	4	11	5	
Ingrowing nail.....			2	1				
Contracture of plantar fascia.....								
Pes cavus.....			5	11		2		
Pes planus.....	150	1,103	6,979	3,591	544	2,300	533	224
Pronated foot.....		1	38	18	1			
Loss of part of foot.....	1	6	22	10	1	12	2	6
Deformities of foot (cause or type not specified).....		3	18	4		5	2	
Ganglion.....								
Depressed fracture of skull.....			7	4		2	2	
Deformities of hand, result of old injury or infection.....	1	8	45	21	2	15	3	3
Loss of one or more fingers.....		16	109	70	4	35	6	5
Loss of part or whole of lower extremity.....		1	1	1	1	3		
Shortening of lower extremity.....			7	5		1		1
Loss of part or whole of upper extremity.....			2					
Malunion fracture of upper extremity.....		5	25	14	1	11	4	4
Malunion fracture of lower extremity.....		2	14	13		4	2	
Malunion fracture other than extremity.....			2	1				
Nonunion fracture of upper extremity.....				1				
Nonunion fracture of lower extremity.....						1		
Recent operation wounds.....			1	1			1	
Scar of head.....				1				
Curvature of spine.....	2	1	9	7	1	3		
Hernia of muscle.....								
Other diseases of bones and organs of locomotion.....		6	7	18		3	1	
XVII. Malformation ill-defined diseases:								
Defective physical development.....		2	6	1		2		
Deficient chest measurement.....			1			1		
Overweight.....			1	7	1	5		
Underweight.....		3	13	3	5	30	7	1
Malnutrition.....								
Anorchism.....						1		
Monorchism.....	1		2	1		2		
Cryptorchidism.....	5	9	31	15	4	27	3	4
Hypospadias.....		1	6	5		1		
Fistula, post operative.....			1					
Fistula, other.....						1		
Bullet or other recent wound.....			4	1		1		1
Ill-defined diseases.....		4	53	39	1	12	1	
Disease or defect not specified.....		3	22	16	2	10		
Under observation or undiagnosed.....								
Total men accepted.....	243	1,695	10,782	5,972	899	4,720	831	636



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 375

men who came from cities and densely populated counties in comparison with those from rural areas, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

Pennsylvania.			Rhode Island.		South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.	
Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
9	13	21		1		2	1	2	2	5	1	15	1	1
12	30	51	3	1	2	13		4	6	16	8	44	1	8
1														
		4											1	
4	2	4						1		2	1	2		1
	6	12				2		1		1	2	4		
21	22	30	1		1					2		1		
17	45	65	5	1	2	11	2	2	5	6	4	12	1	1
47	52	118	3	3		11		12	3	9	8	39	7	6
	1	1										4		
5	19	27				2		1		1	2			
3,050	3,352	5,856	457	240	224	815	51	799	713	1,397	1,234	3,967	529	384
206	632	954	5	5	1	10		1	15	54	3	3	1	1
6	14	29			1	7		6	3	6	5	23		4
8	18	22	2			3		4	2	1	2	9		2
	2	2				1			2	1	3	1	1	1
11	20	30	1	3	1	5		2	6	14	5	11	1	1
18	45	118	7	4	1	5		12	4	32	19	43	4	5
	2	2			1	1					1	1		
12	21	35				2		1	2		3	8	1	1
		1				1						1		
5	12	22	2			3		4	3	6	4	17	1	5
6	11	13				4		4		7	3	12	1	7
		4						1						
	1													
		1				1		1			1	1		
	3				1					1				
5	12	15				2			3	4	3	4		
		1												
8	31	76	3	2	1	4		5	3	8	2	12	3	
	2	4	1							2	1	2	1	
2	1	4									1	2	1	
3	5	1				1				1				
6	10	8	6	3	2	3		2	4	7	9	19	7	4
		1												
1														
	1	3				5					3	5		1
10	36	53	4	3	1	8		7	7	6	9	46	2	2
5	6	12	1			1			3		3	6	1	
			1											
	1					1					1	1		
1		4		1	1	2			1	4	1	5	1	1
6	15	21	4	1	6	11		1	2	6	8	20	1	
7	9	35	2		1	7			1	9	2	14	3	
										1				1
4,946	7,256	12,009	781	431	435	2,059	80	1,160	1,249	2,618	2,282	7,716	741	699

TABLE XVIII.—Men accepted as qualified with defects at mobilization camp, showing from rural districts, covering approximately the first million men sent to  
[Absolute numbers.]

Accepted, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion:</b>						
Osteitis deformans.....						
Ankylosis, bony, of joint.....		1	2	7	2	5
Ankylosis, fibrous, of joint.....	1	3	7	17	18	14
Bursitis.....						
Tenosynovitis.....						
Relaxed ligaments of joint.....			1	3	2	1
Joint, resection of.....			1			
Chronic dislocation (other than hand).....		1		1	1	
Contracture of joint.....			1	14	2	3
Contracture of muscle, fascia, tendon, sheath.....			4	8		1
Bunion.....		1	17	47	4	2
Hammer toe.....		9	22	73	69	35
Ingrowing nail.....			1	6	1	
Contracture of plantar fascia.....						
Pes cavus.....	1		3	4		
Pes planus.....	44	253	840	3,433	1,305	1,077
Pronated foot.....	1	9	96	197		
Loss of part of foot.....		3	3	5		13
Deformities of foot (cause or type not specified).....				2	6	4
Ganglion.....						
Depressed fracture of skull.....				3	1	2
Deformities of hand, result of old injury or infection.....	1	2	7	26	3	6
Loss of one or more fingers.....	1	5	13	48	24	21
Loss of part or whole of lower extremity.....					1	
Shortening of lower extremity.....		1	4	10	3	2
Loss of part or whole of upper extremity.....				2		1
Malunion fracture of upper extremity.....	2	1	2	16	6	9
Malunion fracture of lower extremity.....		1	1	8	11	9
Malunion fracture other than extremity.....				1		1
Nonunion fracture of upper extremity.....						
Nonunion fracture of lower extremity.....						
Recent operation wounds.....				2		
Scar of head.....				1		
Curvature of spine.....		3	2	24	2	2
Hernia of muscle.....						1
Other diseases of bones and organs of locomotion.....		1	15	65	7	2
<b>XVII. Malformation ill-defined diseases:</b>						
Defective physical development.....		1	1		1	1
Deficient chest measurement.....						
Overweight.....					3	
Underweight.....	1	2	1	9	16	9
Malnutrition.....						
Anorchism.....			1			
Monorchism.....				1	2	
Cryptorchidism.....		5	4	13	5	7
Hypospadia.....			2	1	1	
Fistula, post operative.....						
Fistula, other.....		1		1	1	
Bullet or other recent wound.....		1	1	3	3	
Ill-defined diseases.....			8	10	1	1
Disease or defect not specified.....			2	26	1	2
Under observation or undiagnosed.....						
Total men accepted.....	101	487	1,832	6,820	2,371	1,885

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 377

men who came from cities and densely populated counties in comparison with those camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Absolute numbers.]

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
						2	2	4
	4	3	2			175	248	423
1	14	1	18		1	415	716	1,131
						8	5	13
1						6	2	8
						7	18	25
	1					1	3	4
	3		1			29	39	68
1	3	1	3			49	97	146
1	2		1			53	74	127
7	22	11	7	3	2	391	363	754
2	25	18	19	3	7	1,458	1,169	2,627
1						14	16	30
						1		1
	5	2	1			73	96	169
429	2,199	1,182	1,951	87	311	77,961	79,715	157,676
22	105	4	1	1		1,338	1,670	3,008
	4	5	7		3	182	338	520
	2	3	3	2	3	158	171	329
						2	1	3
1	3	1	2			39	66	105
3	9	3	12		4	312	435	747
4	18	17	37		4	810	1,239	2,049
1		1	1			13	24	37
	10		1	1		115	138	253
1	7					6	17	23
1	3	3	8		1	217	337	554
	1	3	1	3	2	148	237	385
						6	24	30
	1			1		3	8	11
						5	5	10
						7	11	18
						11	11	22
1	1	1				163	161	324
						1	3	4
2	13	6	4		1	211	408	619
	2	1	1			66	53	119
	1					18	13	31
		1	1			75	41	116
1	1	6	9	1	3	539	432	972
						1	1	2
		13			3	15	6	21
		2	2			43	45	88
3	7	7	24		2	522	622	1,144
	5	2	1			73	97	170
						5	1	6
	1		1			13	22	35
	6		1		3	37	95	132
1	11	8	11			280	366	646
1	6	3	4			187	284	471
						12	13	25
784	3,839	1,783	3,057	131	522	126,268	143,446	1 269,714

<sup>1</sup> Does not include 1,678 men. This number is distributed throughout all the States and is the total of those records which did not specify whether the men came from cities or from rural districts.

# 378 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified<sup>1</sup> with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to

[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.		California.	
	Cities. <sup>2</sup>	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		0.08				0.37			0.05	0.05
II. Tuberculous, pulmonary.....		.41				.73		0.22	.10	.25
Tuberculosis, all other.....									.10	.06
III. Venereal diseases:										
Chancroid.....	1.28	2.63				.73		.67	.15	.13
Conococcus infection.....	53.68	65.04		11.24	26.32	27.44	8.12	11.24	8.55	6.71
Syphilis, all.....	30.93	18.36				3.66	.81	1.80	.90	.52
IV. General diseases:										
Tumors, benign.....										.05
Obesity.....										
Cretinism.....										
Goiter, simple.....				11.24	.88		.81	.22	2.39	2.15
Exophthalmic goiter.....										.05
Diabetes mellitus.....									.10	
Alcoholism, chronic.....										
Drug addiction.....										
Arthritis.....	.26	.25						.22	.25	.19
Poisoning, chronic.....										
Other general diseases.....	.77	.16			.88			.22	.10	.25
V. Nervous diseases:										
Speech, defective.....						.37			.05	.05
Neurasthenia.....										
Neuritis.....										
Multiple sclerosis.....										
Paralysis of muscle.....						.37			.05	
Paralysis of nerve.....										.05
Epilepsy.....										
Hysteria.....										
Tabes dorsalis.....										
Other diseases of nervous system.....	.26	.08					.81		.15	
VI. Mental diseases:										
Mental deficiency.....		.25					2.44	1.01		.05
Constitutional psychopathic states.....										
Psychasthenia.....										
Psychoneuroses.....										
Psychoses, alcoholic.....									.05	
Psychoses, other.....										
VII. Diseases of the eye:										
Defective vision (cause not stated).....	2.81	2.72			.88	1.10	4.87	5.85	3.23	2.53
Strabismus.....		.16			.88	.73			.25	.25
Myopia.....		.16				.37			.25	.32
Hyperopia.....					1.75					.05
Astigmatism.....						.37		.11	.15	.19
Leucoma.....										
Cataract.....								.11		
Conjunctivitis, other.....	1.02	.33			1.75	3.66		.11	.50	.15
Conjunctivitis, granular.....					.88				.25	.16
Pterygium.....		.16			1.75	2.93		.34	.80	1.03
Choroiditis.....				11.24						
Retinitis.....										
Amblyopia.....		.08				.37				.13
Color blindness.....									.05	.05
Glaucoma.....									.05	
Keratitis.....										
Nystagmus.....										
Eye, enucleation of.....		.08								
Other diseases of the eye.....		.08			.88				.20	.05
VIII. Diseases of the ear:										
Defective hearing.....		.08			.88	.37			.10	.05
Otitis media.....	.77	.82				1.10	1.62	2.59	.60	.77
Perforated ear drum.....									.50	.19
Otitis external.....										
Other diseases of the ear.....		.16				.37				
IX. Diseases of the nose:										
Deviation of nasal septum.....	1.28	.41					.81	.34		.13
Turbinate hypertrophy.....		.08								.13
Polypus nasal.....		.08							.05	
Rhinitis hypertrophic.....	.77	.58						.11		.05

<sup>1</sup> Includes men accepted as qualified for general military service, limited service, and with remedial defect.

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 379

men who came from cities and densely populated counties in comparison with those from camp, covering period June, 1917, to May, 1918, inclusive.

(Ratios per 1,000 men examined from city and from rural districts.)

Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
		0.37						0.48			0.06		
	0.43	.37	0.18	4.05	3.01	1.27		.48		0.24	.91		
				.81									
	.21	.37	.36		1.50	1.02		1.92	2.61	1.20	2.91		0.85
21.93	18.48	11.51	10.86	17.83	24.06	21.11	6.00	64.84	65.68	28.89	46.48	8.00	5.94
1.96	2.36	1.73	.90	5.67	6.01	1.53		15.37	13.81	9.39	9.22		
		.12							.26	.24	.12		
	.86	.12				.51					.06	10.00	7.64
			.18			.51							.57
		.25											
	.21	.12		3.24				1.44		.24	.12		
		.49		1.62	1.50	.51		.96		.48	.24		.28
.41									.26		2.00		
											.06		
	.21										.06		
			.18								.06		
		.12							.26				
										.24	.06		
											.12		
2.92	1.50	11.51	13.93	.81		2.29	2.00	.48	2.35	.96	1.64	2.00	1.13
		.12	1.09							.48	.18		.28
	.21		.36	.81		.25					.24		
	.21	.12									.06		
.49		2.10	.54			.51			.26		.06		
									.26				
.49	.21					.25				1.93	.36		.28
										.24			.57
	1.07				1.50	.25	2.00	.48	1.56	1.96	.42		.85
						.25					.06		
											.06		
											.06		
.49		.12	.18							.48	.24		
		1.11	.72	.81		.51					.30		
	.21	.12		.81		.25			.78		.06		.57
											.06		
					1.50	.25					.12		
								.48			.06		
.49	.21												

<sup>2</sup> Includes cities and densely populated counties in each state.

# 380 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to

[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....	0.09	0.05	0.03				0.06		
II. Tuberculosis, pulmonary.....	.19	.48	.37	0.76	0.58	0.25	.12		0.34
Tuberculosis, all other.....									.12
III. Venereal diseases:									
Chancroid.....	.94	.69	.53	.89	.91	.60	.18	2.34	.47
Gonococcus infection.....	17.81	22.98	20.60	26.63	26.23	16.35	14.61	20.30	21.96
Syphilis, all.....	1.51	2.23	2.13	4.31	2.46	2.01	1.51	4.68	1.51
IV. General diseases:									
Tumors, benign.....	.09	.05	.20	.13	.13		.18		.12
Obesity.....	.05	.11	.10	.13					.12
Cretinism.....									
Goiter, simple.....	8.62	8.47	1.86	1.78	1.75	4.02	1.99	1.56	.47
Exophthalmic goiter.....	.19	.11				.25			
Diabetes mellitus.....									
Alcoholism, chronic.....	.05	.21	.03	.13			.06		
Drug addiction.....		.05					.06		
Arthritis.....	.19	.11	.27		.06				
Poisoning, chronic.....									
Other general diseases.....	.05	.26	.17	.51	.26	.25		.78	.12
V. Nervous diseases:									
Speech, defective.....		.05							
Neurasthenia.....									
Neuritis.....									
Multiple sclerosis.....	.05								
Paralysis of muscle.....		.05			.06		.06		.12
Paralysis of nerve.....			.03						
Epilepsy.....		.05	.03		.06		.06		
Hysteria.....			.03		.06				
Tabes dorsalis.....									
Other diseases of nervous system..	.09	.05	.10	.25	.19		.18		.35
VI. Mental diseases:									
Mental deficiency.....			.10		.39		.06		.12
Constitutional psychopathic states.			.03	.13					
Psychasthenia.....									
Psychoneuroses.....	.05								
Psychoses, alcoholic.....									
Psychoses, other.....									
VII. Diseases of the eye:									
Defective vision, cause not stated..	1.23	1.59	1.46	2.54	2.14	2.01	.60	1.56	.93
Strabismus.....	.28	.21	.27	.38	.26	.50	.06		.35
Myopia.....		.16	.13	.63	1.23		.12		.23
Hyperopia.....	1.05	.05	.17	.13	.13		.06		
Astigmatism.....	.09	.05	.17	.13	.13		.06	1.56	.12
Leucoma.....									
Cataract.....			.03		.06	.25			
Conjunctivitis, other.....	.19	.21	.30	.51	.97	.75	.12	.78	1.49
Conjunctivitis, granular.....			.23		.13		.06		
Pterygium.....		.26	.43	.25	.19	.75	.06	.78	1.25
Choroiditis.....									
Retinitis.....									
Amblyopia.....	.05	.05	.10		.13	.25			.12
Color blindness.....	.05			.13					
Glaucoma.....		.05			.06				
Keratitis.....									.12
Nystagmus.....				.13					
Eye, enucleation of.....									
Other diseases of the eye.....	.14	.37		.51	.13	.25	.06	.78	.12
VIII. Diseases of the ear:									
Defective hearing.....	.24	.05	.30	.51	.39	.50	.18		.58
Otitis media.....	.24	.37	.43	1.01	1.30	.75	.54	1.56	.62
Perforated eardrum.....	.24	.11	.07						
Otitis external.....									
Other diseases of the ear.....	.05					.25			.12
IX. Diseases of the nose:									
Deviation of nasal septum.....	.24	.05	.07	.25	.06	.25	.30		.12
Turbinate hypertrophy.....			.07		.06				
Polypus nasal.....	.05		.03				.06		
Rhinitis hypertrophic.....	.06	.05							

# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 381

men who came from cities and densely populated counties in comparison with those from  
rural districts, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Kentucky.		Louisiana.		Maine.								Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.							Rural districts.	Cities.	Rural districts.	
0.44	0.07	0.26	0.11	0.38	0.19	0.19	1.11	0.33	0.44	0.17	0.11	0.08	0.13		
	.37	1.04	.23		.19					.54	.33	.26	.06		
	.07	.26	.11				.14		.15			.06	.06		
.88		2.08	1.15	.38	1.84	.66		.11	.15	.46	.23	.33	.59		
37.46	23.06	26.77	23.42	14.12	14.19	23.79	25.96	8.07	13.55	12.00	17.40	13.42	17.66	9.96	
18.51	7.07	3.12	2.30	2.82	2.68	2.29	.22	2.64	1.54	1.16	1.91	1.00	2.06	.78	
	.07		.11					.28						.06	
.88	.15														
.88	1.12	.52	.11	.38	.19	.22				3.54	3.33	3.32	2.08		
	.07				.38	.22				.07	.06	.06			
						.22	.42		.22			.06	.06		
	.07				.19				.15	.06	.33		.20		
	.07	.23			.19	.88	.26	.11	.29	.17	.06	.06	.12		
.44	.07					.22		.11			.06				
									.15						
							.14		.07						
		.11					.22		.07		.11				
	.20	.46		.77				.11		.11		.13			
	.15	.26	1.28		.19	.44	.14	.11	.15	.04	.12			.06	
							.14								
		.11												.06	
3.08	3.06	4.68	5.40	2.82	5.37	1.91	1.76	7.24	8.15	1.75	1.55	2.40	1.89		
	.52	.26			1.53		.44	.56	.44	.51	.06	.06	.26		
	.52				.38	.67		.42	.22	.29	.42	.25	.12		
	.37	.20		5.65	.38		.22	.28		.07	.12	.26			
	.16			7.06	1.53	.19	.88	1.39	1.43	.80	.17	.33	.06		
		.26	.23							.04					
1.32	1.80					.19	.22	.28		.15	.50	.41	.33	.26	
.44	.22						.22	.14		.11	.13			.06	
.44	.16	.52	.46												
.44	.07					.22					.11	.06	.13		
		.26				.19				.04		.06	.06		
											.06				
.44				1.41		.19			.15	.17	.11		.13		
.22															
.88	.45		1.38		.77	.19		.55	.51	.21	.17	.17	.19		
1.76	1.79	1.80	1.84	1.41		.57		.56	.44	.22	.17	.25	.66		
	.07						.22	.14	.11	.22	.04	.17			
		.11							.11		.06				
	.07	.52	.34					.11	.15	.04		.06	.20		
		.26	.34					.11	.15	.12	.06		.13		
		.26	.23				.42	.11							

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TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to  
[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		0.13		0.27		0.21		0.13
II. Tuberculosis, pulmonary.....	1.37	.13	0.39	.14				
Tuberculosis, all other.....			.10	.07		.10		
III. Venereal diseases:								
Chancroid.....		.50	1.25	.95	0.48	.21	0.32	.13
Gonococcus infection.....	31.59	26.70	30.31	28.62	6.67	6.12	20.14	10.44
Syphilis, all.....	10.99	9.28	6.18	3.61	.48	.52	3.57	1.16
IV. General diseases:								
Tumor, benign.....				.07		.10	.32	.13
Obesity.....		.13						
Cretinism.....								
Goiter, simple.....		.13	2.22	.61	7.62	7.58	.65	.39
Exophthalmic goiter.....						.10		
Diabetes, mellitus.....								
Alcoholism, chronic.....								
Drug addiction.....							.32	
Arthritis.....		.13	.10	.27	.48		.32	.13
Poisoning, chronic.....				.07				
Other general diseases.....			.29	.14	.48	.10		
V. Nervous diseases:								
Speech, defective.....				.07		.21		
Neurasthenia.....								
Neuritis.....								
Multiple sclerosis.....								
Paralysis of muscle.....				.07		.10		.13
Paralysis of nerve.....								
Epilepsy.....		.25					.32	.13
Hysteria.....								
Tabes dorsalis.....								
Other diseases of nervous system.....		.25		.20				
VI. Mental diseases:								
Mental deficiency.....	1.37	1.63	.10	.20			.32	
Constitutional psychopathic states.....								
Psychasthenia.....								
Psychoneuroses.....				.07				
Psychoses, alcoholic.....								
Psychoses, other.....								
VII. Diseases of the eye:								
Defective vision, cause not stated.....	8.24	6.64	2.70	1.98	2.38	1.35	1.30	.52
Strabismus.....	1.37	.38	.10	.34		.10		.26
Myopia.....			.39	.14	.48			.13
Hyperopia.....				.14				
Astigmatism.....			.19	.14			.32	.39
Leucoma.....			.10					
Cataract.....								.13
Conjunctivitis, other.....		.13	1.54	2.04		.42	.32	.39
Conjunctivitis, granular.....			.10	1.09				.13
Pterygium.....	1.37	.50	.58	1.09	.48	.42	.65	.13
Choroiditis.....		.13						
Retinitis.....								
Amblyopia.....			.19	.07				
Color blindness.....								
Glaucoma.....								
Keratitis.....								
Nystagmus.....								
Eye, enucleation of.....								
Other diseases of the eye.....	1.37	.25	.19	.27			.32	.13
VIII. Diseases of the ear:								
Defective hearing.....		.88	.10	.41	.95	.31		
Otitis media.....		2.26	.87	.95	.95	.21	.32	
Perforated ear drum.....			.29			.10		.13
Otitis external.....								
Other diseases of the ear.....			.10					
IX. Diseases of the nose:								
Deviation of nasal septum.....		.13	.58	.14			.32	
Turbinate hypertrophy.....	1.37	.13		.07			.97	
Polypus nasal.....								
Rhinitis hypertrophic.....		.13		.07		.10		.13



men who came from cities and densely populated counties in comparison with those from  
camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Nevada.		New Hamp- shire.		New Jersey.		New Mexico.		New York.			North Caro- lina.	
Cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.	New York City.	Other cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.
					0.08		0.42	0.02		0.04		0.15
			0.58	1.54	.70		.42	.10	0.63	.34		.15
				.06					.05			
	0.89			.51	.78		.42	.26	.87	.30	2.52	.90
6.80	12.40	7.22	11.66	2.34	12.19	16.71	24.92	11.64	19.81	15.36	30.88	27.94
		1.80	.58	.74	1.55	2.39		1.43	2.66	1.29	8.82	6.61
					.08	2.39		.02	.05			
	.89			.29		2.39		.05	.29	.38		.23
									.05			
				.06					.05			
				.11						.04		
				.34	.47			.02	.34	.11		.30
				.40	.16		.42	.07	.15	.19		.28
				.06	.08				.05			
					.08			.05				
					.08							
								.02				
					.16			.05				.08
					.08							
	.89			.11	.16		.42	.12	.05			
								.10				
					.08					.04		.08
					.08							
									.05			
				.06	.08							
	.89	1.80	6.41	4.51	5.28		1.27	2.45	3.49	3.00	1.89	1.13
				.17	.23			.10	.10	.19	.63	.23
				.80	1.09	2.39		.19	.63	.76		.08
		1.80		.08	.31			.17	.15	.15		
			1.17	.63	.62		.84	1.83	.68	.49		
	.89				.08		.42	.12	.05	.11	.63	.23
	.89			.06				.14	.05	.04		
	.89			.06	.16		1.69		.10	.04	3.15	4.28
					.08			.02		.08		
									.05			
				.06						.04		
			.58	.11	.85		.84	.02	.19	.04		.08
												.38
3.40			.58		.08			.10	.15	.19		.30
			1.75	.74	.70			.71	.77	.38	.63	.80
	.89		.58	.34	.39			.21	.19	.23		.08
										.04		
					.16					.04		.15
	.89			.17	.16			.02	.10	.11	.63	.75
				.29	.78			.26	.24	.27	1.89	.98
									.10	.08		.15

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TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to

[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		0.17	0.03	0.05		0.17		0.57
II. Tuberculosis, pulmonary.....		.17	.39	.35		.17		
Tuberculosis, all other.....		.17						1.14
III. Venereal diseases:								
Chancroid.....		.52	1.74	1.19	2.19	2.64		
Conococcus infection.....	19.53	13.79	27.03	23.20	42.07	35.46	5.56	4.56
Syphilis, all.....	2.60	2.41	3.06	2.28	4.38	2.99	.51	1.14
IV. General diseases:								
Tumors, benign.....			.03	.05		.06		
Obesity.....			.03	.15		.06		
Cretinism.....								
Goiter, simple.....	3.91	.86	1.80	.73		.29	14.66	11.44
Exophthalmic goiter.....			.09	.15			1.52	.57
Diabetes mellitus.....								
Alcoholism, chronic.....			.03	.05				
Drug addiction.....			.03			.06		
Arthritis.....			.21	.45		.17		.57
Poisoning, chronic.....			.03					
Other general diseases.....			.24	.20				.57
V. Nervous diseases:								
Speech, defective.....			.06	.05		.06		
Neurasthenia.....			.03					
Neuritis.....		.17						
Multiple sclerosis.....								
Paralysis of muscle.....						.06		
Paralysis of nerve.....						.06		
Epilepsy.....								
Hysteria.....								
Tabes dorsalis.....								
Other diseases of nervous system.....		.17	.12	.05	.44			
VI. Mental diseases:								
Mental deficiency.....			.09	.05		.17		
Constitutional psychopathic states.....						.17		
Psychasthenia.....			.03					
Psychoneuroses.....								
Psychoses, alcoholic.....			.03					
Psychoses, other.....						.06		
VII. Diseases of the eye:								
Defective vision, cause not stated.....	5.21	1.38	1.17	.74	1.75	1.21	2.02	1.16
Strabismus.....			.06	.15	.44	.06		
Myopia.....			.06	.15		.06		
Hyperopia.....								
Astigmatism.....		.34	.09	.10			.51	
Leucoma.....								
Cataract.....			.03					
Conjunctivitis, other.....			.24			.11		
Conjunctivitis, granular.....			.03			.11		.57
Pterygium.....		.34	.06	.05	1.31	1.32		1.14
Choroiditis.....								
Retinitis.....								
Amblyopia.....			.03	.05		.11		
Color blindness.....								
Glaucoma.....						.06		
Keratitis.....								
Nystagmus.....								
Eye, enucleation of.....								
Other diseases of the eye.....			.21	.05	1.31	.52		
VIII. Diseases of the ear:								
Defective hearing.....		.17	.03	.05		.23	.51	
Otitis media.....	1.30	.34	.24	.40		1.38	1.01	1.14
Perforated eardrum.....						.06		1.14
Otitis external.....			.06	.05				
Other diseases of the ear.....	2.60			.05			.51	
IX. Diseases of the nose:								
Deviation of nasal septum.....		.17		.05		.17		
Turbinate hypertrophy.....		.17	.09	.05		.46		
Polypus nasal.....				.05				
Rhinitis hypertrophic.....		.24	.03					

men who came from cities and densely populated counties in comparison with those from camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Pennsylvania.			Rhode Is- land.		South Caro- lina.		South Da- kota.		Tennessee.		Texas.		Utah.	
Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
.....	0.05	0.05	0.42	.....	.....	.....	11.11	0.26	.....	0.10	.....	0.04	.....	.....
.26	.54	.24	.....	.....	.....	0.72	.....	.....	1.03	.59	.....	.18	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.14	.....	.....	.....
.52	.83	1.09	.....	.....	8.97	4.93	.....	.....	1.55	.68	2.91	2.07	.....	.38
19.49	25.88	22.43	16.13	21.46	60.73	66.68	11.11	8.26	41.40	29.22	39.51	40.12	7.65	6.07
1.23	3.19	2.27	2.55	.....	1.38	3.72	.....	.53	7.76	4.11	2.77	1.96	.....	.....
.....	.10	.07	.42	.....	.....	.....	.....	.....	.26	.10	.28	.18	.....	.....
.....	.10	.02	.....	.....	.....	.....	.....	.....	.26	.....	.....	.....	.....	.....
.26	1.81	.89	.....	.....	.....	.24	5.56	.79	.26	.10	.28	.07	2.55	6.83
.06	.....	.07	.....	.....	.....	.....	.....	.....	.26	.....	.....	.....	.....	.....
.....	.....	.....	.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.13	.29	.12	.....	.....	.....	.36	.....	.....	.26	.20	.14	.18	.....	.....
.....	.25	.22	.....	.....	.....	.12	.....	.26	.26	.....	.69	.21	.51	1.14
.06	.....	.05	.....	.....	.....	.....	.....	.....	.....	.10	.....	.04	.....	.....
.....	.....	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.06	.....	.07	.....	.....	.....	.12	.....	.....	.....	.....	.....	.04	.....	.....
.....	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.10	.07	.85	.....	.....	.60	.....	.26	.....	.20	.....	.11	.....	.....
.19	.10	.12	.85	.63	.....	.36	.....	.....	.....	.20	.....	.07	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.02	.....	.....	.....	.12	.....	.....	.....	.10	.....	.04	.....	.....
1.69	1.72	1.54	7.22	4.42	.69	.84	.....	.79	.52	1.47	.97	1.21	1.53	3.41
.06	.15	.12	.....	.....	.....	.....	.....	.53	.26	.10	.42	.14	.....	.....
1.10	1.08	.58	.....	.63	.....	.....	.....	.26	.26	.29	.28	.18	.....	.....
.39	.20	.07	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.49	.64	.34	1.27	.63	.....	.....	.....	.26	.26	.39	.....	.07	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.13	.15	.39	.....	.....	.....	.12	.....	.26	.52	.78	.69	.78	.....	.28
.....	.....	.05	.....	.....	.....	.....	.....	.26	.....	.....	.14	.11	.51	.38
.....	.....	.07	.42	.....	.....	.48	.....	.79	.52	.59	.97	3.10	.51	1.14
.....	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.13	.10	.10	.....	.....	.....	.....	.....	.....	.....	.10	.....	.....	.....	.....
.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.14	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.10	.07	.42	.....	.....	.12	.....	.....	.....	.29	.28	.14	.....	.....
.13	.10	.10	1.27	.....	.....	.....	.....	.53	.....	.29	.42	.11	.....	.38
.26	.78	.48	.85	1.89	.....	.....	.....	.....	1.03	.78	.69	.46	.....	.76
.13	.15	.05	.....	.....	1.38	.....	.....	.....	.....	.....	.28	.25	.....	.....
.....	.....	.05	.....	.....	.....	.....	.....	.....	.....	.29	.....	.....	.....	.....
.06	.15	.....	.....	.....	.....	.....	.....	.26	.....	.....	.....	.07	.....	.....
.19	.10	.17	.42	.....	.....	.....	.....	.....	.26	.29	.14	.11	.51	.....
.06	.29	.10	.....	.63	.69	.....	.....	.....	.....	.....	.97	.18	.....	.....
.....	.....	.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.05	.....	.....	.....	.....	.....	.26	.....	.....	.....	.11	.....	.....

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to

[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....				0.13	0.14	
II. Tuberculosis, pulmonary.....	2.53	0.00	0.29	.27	.28	
Tuberculosis, all other.....					.14	
III. Venereal diseases:						
Chancroid.....			4.04	3.31		.14
Gonococcus infection.....	7.58	12.60	92.06	67.61	8.71	5.32
Syphilis, all.....		1.20	19.91	7.35	.14	.62
IV. General diseases:						
Tumors, benign.....			.29	.20		
Obesity.....					.14	
Cretinism.....						
Goiter, simple.....		.60	.58	.81	13.76	12.30
Exophthalmic goiter.....					1.12	.79
Diabetes mellitus.....						
Alcoholism, chronic.....						
Drug addiction.....						
Arthritis.....			.29	.13		
Poisoning, chronic.....						
Other general diseases.....			.29	.34	.84	.47
V. Nervous diseases:						
Speech, defective.....						.16
Neurasthenia.....						
Neuritis.....						
Multiple sclerosis.....						
Paralysis of muscle.....						.26
Paralysis of nerve.....						
Epilepsy.....						
Hysteria.....						
Tabes dorsalis.....						
Other diseases of nervous system.....	2.53				.28	
VI. Mental diseases:						
Mental deficiency.....				.13	.14	
Constitutional psychopathic states.....						
Psychasthenia.....						
Psychoneuroses.....						
Psychoses, alcoholic.....						
Psychoses, other.....						
VII. Diseases of the eye:						
Defective vision, cause not stated.....	7.58	2.40	.87	1.01	2.11	.79
Strabismus.....		.60		.13	.28	.32
Myopia.....	2.53	.60		.34	.14	.16
Hyperopia.....	2.53		.29	.07		
Astigmatism.....		1.20		.20		
Leucoma.....						
Cataract.....						
Conjunctivitis, other.....			.58	.27		.16
Conjunctivitis, granular.....		.60		.07	.14	.32
Pterygium.....			.58	.07	.14	.16
Choroiditis.....						
Retinitis.....						
Amblyopia.....				.07		
Color blindness.....					.14	
Glaucoma.....			.29			
Keratitis.....						
Nystagmus.....						
Eye, enucleation of.....						
Other diseases of the eye.....					.14	
VIII. Diseases of the ear:						
Defective hearing.....		.60		.07	.28	
Otitis media.....			.87	.20	.98	.95
Perforated eardrum.....			.29	.13	.28	.16
Otitis external.....						
Other diseases of the ear.....						
IX. Diseases of the nose:						
Deviation of nasal septum.....		.60	.58	.13		
Turbinate hypertrophy.....						
Polypus nasal.....						
Rhinitis hypertrophic.....						

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 387

men who came from cities and densely populated counties in comparison with those from camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
0.48	0.29				1.89	0.06	0.09	0.08
.96	4.03	0.28	0.18			.42	.38	.40
			.18			.03	.03	.03
						.82	1.06	.95
1.91	2.59	.42	.26			20.17	24.39	22.59
38.30	31.48	8.85	11.56	6.23	7.55	2.98	3.12	3.06
5.27	4.22	1.12	.61	3.12				
	.19	.14	.09		.63	.05	.08	.07
						.03	.02	.03
							.00	.00
3.35	1.34	6.04	3.77		9.43	2.24	1.36	1.73
.48	.10	.14				.09	.04	.06
						.00		.00
						.05	.02	.03
			.09			.02	.01	.01
	.29		.18		.63	.16	.17	.17
						.00	.00	.00
	.67		.88		.63	.22	.20	.21
						.03	.03	.03
	.10		.09			.01	.01	.01
							.01	.00
						.00	.00	.00
						.02	.02	.02
							.01	.00
	.10					.02	.04	.03
						.00	.01	.01
						.00		.00
.48	.38		.09			.10	.10	.10
	.10		.44			.06	.18	.13
						.00	.01	.01
						.00		.00
						.01	.00	.00
						.01		.00
						.00	.02	.01
1.91	.67	1.12	1.93	3.12	1.26	2.64	2.25	2.42
.96	.19	.14	.09			.16	.21	.19
	.29	.28	.44			.33	.32	.33
		.14				.11	.07	.09
	.10	.42	.18		.63	.57	.22	.37
						.01		.00
						.01	.01	.01
.48	.29		.09			.30	.42	.37
		.14				.06	.10	.08
	.19		.09	3.12	1.26	.20	.63	.45
						.01	.00	.01
.48						.00		.00
	.10					.03	.06	.05
						.02	.00	.01
			.09			.02	.01	.01
						.01	.00	.00
	.10				.63	.00	.01	.00
						.00	.01	.00
	.10		.18			.15	.14	.15
.48	.10	.14	.18			.18	.23	.21
.48	.58	.84	.35	3.12	.63	.54	.65	.61
	.10				.63	.15	.08	.11
						.02	.02	.02
						.03	.03	.03
	.10					.12	.14	.13
	.10					.14	.13	.14
		.14				.01	.01	.01
				3.12		.04	.06	.05

## 388 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to  
[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.		California.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
IX. Diseases of the nose—Continued.										
Sinusitis.....										
Other diseases of the nasal fossae.....									0.10	
X. Diseases of the throat:										
Tonsillitis, hypertrophic.....	30.16	23.63		11.24	8.77	9.88	40.62	44.29	31.65	29.2
Other diseases of the pharynx.....	.26	.41			1.75	1.10	.81	.11	.30	.06
Other diseases of the larynx.....										
XI. Circulatory system:										
Endocarditis, acute, chronic.....		.25						.90	.05	.9
Valvular heart disease—										
Tricuspid lesions.....										
Mitral insufficiency.....	1.53	.41			.88	1.10	4.06	1.24	2.04	2.9
Mitral stenosis.....	.26	.16						.22	.10	.3
Aortic insufficiency.....									.15	.13
Aortic stenosis.....										
Combined lesions, aortic and mitral.....					.88	.37				
Pulmonic lesions.....										
Unclassified.....		.16						.22	.45	.2
Myocarditis.....		.08								
Myocardial insufficiency.....										
Pericarditis.....										
Heart block.....										
Cardiac hypertrophy.....		.08						.11	.10	
Cardiac dilatation.....										
Cardiac arrhythmias.....		.08						.11	.05	.06
Tachycardia.....									.06	.13
Bradycardia.....										
Hemorrhoids.....	.51	.74				1.46	.81	1.24	.80	.4
Varicose veins.....	.26	.25				1.10	.81	.45	1.39	.9
Varicocele.....	2.04	3.05			5.26	4.76	4.06	2.81	2.59	2.52
Other diseases of circulatory system.....	1.28	.16				1.10	1.62	.45	.65	.12
XII. Respiratory system:										
Asthma.....		.16				.37		.11		
Bronchitis.....		.08						.11	.20	.06
Pleurisy, fibrinous.....								.22	.06	.06
Other diseases of respiratory system.....	.26	.16						.11	.05	.06
XIII. Digestive system:										
Defective or deficient teeth.....	.51	.41						.34	3.38	2.13
Dental caries.....									.10	
Appendicitis.....										
Intestinal obstruction.....										
Hernia.....	6.90	11.69		22.47	16.67	9.51	10.56	4.83	12.04	12.60
Inguinal rings, enlargement of.....	10.48	7.00		89.89	20.18	13.54	8.12	3.15	43.85	40.75
Fistula in ano.....		.16				.37			.05	.11
Other diseases of digestive system.....	.77	.49					.81		.05	.13
XIV. Genito-urinary system (non-venereal):										
Nephritis, acute, chronic.....		.16								
Nephroptosis.....										
Hydrocele.....		.33				.73	.81	.34	.20	.64
Other diseases of genito-urinary system (non-venereal).....	2.56	1.40			1.75	2.20	.81	.34	.80	.71
XV. Diseases of the skin:										
Bromidrosis.....										
Raynaud's disease.....										
Cellulitis.....										
Keloid.....							.81			
Large scar of face.....										
Abdominal scar.....		.16							.10	.19
Other diseases of the skin.....	1.53	1.15			1.75		.81	.34	.90	.7
XVI. Bones and organs of locomotion:										
Osteitis deformans.....										
Ankylosis, bony, of joint.....	1.02	.66				1.10		1.01	.45	.64
Ankylosis, fibrous, of joint.....	2.04	2.22				.73	1.62	.67	2.14	1.74
Bursitis.....					.88					
Tenosynovitis.....								.05		
Relaxed ligaments of joint.....		.08								







# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 391

men who came from cities and densely populated counties in comparison with those from camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Kentucky.		Louisiana.												
Cities.	Rural districts.	Cities.	Rural districts.											
	0.07					0.19		0.29						0.13
22.04	20.01	49.65	40.65	19.77	21.47	6.08	27.28	48.16	25.87	26.17	9.90	12.44	20.65	21.99
	.15	1.30	.00		.77	.19	.22	.42	.33	.26	.04		.06	.20
		1.04								.07		.06		.13
44	1.12	26	.00	1.41		1.34	1.32	.26		1.28	1.58	1.50	1.99	2.15
	.15		.11			.19				.29	.17	.06	.06	.20
										.17	.06	.17		
	.15	.26			.38	.95	.44	.28	.33	.29	.04	.06	.06	.13
									.11		.04			
	.22	.26	.34	1.41		.96	.88	.28	.11	.07	.21	.11	.25	
	.07		.11					.42	.11		.04	.06		.20
	.07	.26	.11		.38	.19		.50	.11	.15	.04	.11		
88	.59	1.56	1.03	1.41	1.53	.19	.22	.94	.77	.95	.67	.50	1.08	.65
2.20	.45	.52	.57	1.41	1.53	.57	.66	1.25	.88	1.02	1.29	1.22	2.32	1.04
9.70	4.61	3.28	4.71	2.82	1.92	1.91	1.76	2.64	2.64	2.69	2.87	2.33	3.48	3.06
	.30	.26					.22	.26		.15	.12		.06	.06
			.23		.38		.22	.14	.11	.15	.04	.17		
	.07	.26			.38	.38		.14	.22	.36	.06			.06
								.14	.11	.07	.04			
	.30	.26	.11							.29	.12		.06	
.88	1.04	1.30	.92	2.82	1.92	.36	.66		4.95	7.46	1.17		1.08	.78
								.14				.06		
12.78	8.11	7.02	4.59	4.24	5.75	11.07	7.92	9.05	9.91	9.24	9.82	11.71	11.61	11.52
5.25	4.46	5.98	3.56	46.61	22.24	16.79	20.46	49.56	31.72	24.44	19.86	16.60	16.50	9.89
	.07		1.41		.38					.15	.12	.06	.06	.06
	.45		.48		.38			.14	.22	.07	.33	.22	.06	.65
			.11											
.88	.37	.26	.57	5.65	4.60	.19	1.32	.28	1.54	1.02	.62	.50	.83	.91
1.76	1.26	1.04	1.72	1.41	1.15	.76	.68	1.53	1.21	.80	.71	.30	.83	.50
				1.41										.06
1.32	.59	.52	.46	1.41	.38	.57	.44	.84	.33	.65	.96	.56	.75	.52
.44	.74	.78	.22			.57	.66	.28	.33	.22	.21	.39	.99	1.20
1.76	1.41	.78	.34	1.41	1.53	1.34	1.10	.70	1.32	.80	.75	.67	1.49	2.41
						.19			.11		.04			
										.07		.06		

# 392 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to  
[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
IX. Diseases of the nose—Continued.								
Sinusitis.....								
Other diseases of the nasal fossae.....			0.29					0.11
X. Diseases of the throat:								
Tonsillitis, hypertrophic.....		45.50	25.10	19.76	29.52	23.76	31.51	17.53
Other diseases of the pharynx.....	45.33	3.51	2.03	4.16		.31	1.95	1.29
Other diseases of the larynx.....								
XI. Circulatory system:								
Endocarditis, acute, chronic.....		.25	.10					
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....		.50	1.54	1.64	2.38	.93	1.62	2.15
Mitral stenosis.....			.19	.41				.2
Aortic insufficiency.....		.13	.10	.07			.32	.15
Aortic stenosis.....								
Combined lesions, aortic and mitral.....		.13						
Pulmonic lesions.....								
Unclassified.....			.19	.07	.48	.10		.13
Myocarditis.....								
Myocardial insufficiency.....								
Pericarditis.....								
Heart block.....								
Cardiac hypertrophy.....		.25	.10	.07		.10	.32	.13
Cardiac dilatation.....								
Cardiac arrhythmias.....			.19	.14	.48			
Tachycardia.....		.13	.19				.65	.53
Bradycardia.....								
Hemorrhoids.....		.50	1.06	.61	.48	.62	.97	1.03
Varicose veins.....		.38	1.16	.41	1.43	1.35	.97	1.03
Varicocele.....	4.12	2.76	3.19	4.09	2.86	2.39	2.27	1.42
Other diseases of circulatory system.....			.29	.07	.95	.42	.32	
XII. Respiratory system:								
Asthma.....		.13		.07	.48	.21		
Bronchitis.....	1.37				.48		.32	
Pleurisy, fibrinous.....								
Other diseases of respiratory system.....		.50	.10	.20		.10	.32	
XIII. Digestive system:								
Defective or deficient teeth.....	1.37	2.01	.20	.14	4.20	2.28	.32	.26
Dental caries.....								
Appendicitis.....							.32	.13
Intestinal obstruction.....								
Hernia.....	20.60	10.03	13.90	8.79	12.86	8.41	10.07	9.40
Inguinal rings, enlargement of....	2.75	2.26	13.13	6.40	22.38	23.35	11.70	7.86
Fistula in ano.....		.18	.10	.14				
Other diseases of digestive system.....		.50	.68	.20	.48	.10	.32	
XIV. Genito-urinary system (nonvenereal):								
Nephritis, acute, chronic.....								
Nephroptosis.....				.07				
Hydrocele.....		.50	1.06	.34		.73	.32	.39
Other diseases of genito-urinary system (nonvenereal).....		1.00	1.45	1.02	.48	1.35	.32	1.16
XV. Diseases of the skin:								
Bromidrosis.....				.07				
Raynaud's disease.....			.10	.07				
Cellulitis.....								
Keloid.....				.07				
Large scar of face.....						.10		
Abdominal scar.....				.27	.46			.15
Other diseases of the skin.....	1.37	.25	.87	1.16	1.43	.93	1.30	.77
XVI. Bones and organs of locomotion:								
Osteitis deformans.....								
Ankylosis, bony, of joint.....		.38	.58	.55	.95	.83	.32	.52
Ankylosis, fibrous, of joint.....		1.13	1.35	2.73	2.38	2.18	1.95	.90
Bursitis.....				.07				
Tenosynovitis.....					.48			
Relaxed ligaments of joint.....				.14				

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 393

men who came from cities and densely populated counties in comparison with those from camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Nevada.		New Hamp-shire.		New Jersey.		New Mexico.		New York.			North Caro-lina.	
Cities.	Rural dis-tricts.	Cities.	Rural dis-tricts.	Cities.	Rural dis-tricts.	Cities.	Rural dis-tricts.	New York City.	Other cities.	Rural dis-tricts.	Cities.	Rural dis-tricts.
				0.06	0.08				0.10			0.15
				.06	.08			0.05	.15	0.04		
13.61	31.00	30.69	19.82	24.86	35.49	40.57	16.89	18.62	24.26	22.64	27.10	27.12
		1.80		.51	.08	4.77	1.27	.24	.77	.23		.45
			.58	.17	.08			.10	.10	.04		
	2.66	1.80	3.50	2.74	2.80		1.69	.62	.05	1.02	1.89	.83
				.51	.70		.42		1.79	.04		.08
				.23	.16	2.39		.02	.10	.04	.63	
					.08			.02		.04		
				.06	.08					.04		
		1.80	.58	1.20	.47			.26	1.36	.53		.08
				.11						.04		
				.06								.08
		1.80	1.17	.57	.31			.17	.58	.57		.45
				.29	.08			.05	.05	.19		.08
		1.80		.51	.31		.84	.38	.34	.34		.23
		1.80			.81			.64	.92	.61	.63	1.28
				.80	1.09		.84	.52	1.16	1.37		.53
3.40	1.77		8.50	2.17	2.25	4.77	2.11	2.07	2.37	2.84	2.52	3.08
				.46	.16			.24	.10	.11	1.26	.60
	.89			.06	.16			.02		.08	.63	.08
				.57	.47			.07	.24	.27		
				.11	.08				.10	.11		
	.89			.11	.08		.42		.05	.15		.08
6.80	3.54	5.42	2.33	4.05	5.82	2.39	.42	.71	2.62	3.38	1.89	.68
				.06	.16				.10	.04		
10.20	11.51	21.66	8.16	15.75	14.83	7.16	8.87	8.95	11.67	11.49	8.19	9.09
71.43	44.29	21.66	22.16	31.15	81.14	7.16	6.33	26.47	24.70	24.92	14.49	12.77
				.11	.16			.12	.10	.08		.23
	1.77	1.80	.58	.29	.39	14.32	4.65	.17	.73	.19	1.89	.30
								.02				
6.80			1.17	.80	.54		1.69			.83	1.89	.75
3.40	2.66	1.80		2.00	1.55		1.27	.69	.82	1.18	1.26	1.80
				.17						.08		
							.42					
										.04		
	1.77		1.75	.17				.10	.15	.15		.08
				1.08	.62	2.39	.42	.48	.97	1.21		.68
		1.80	.58	.23	.23		.42	.17	.19	.23	.63	.15
	2.66	1.80	1.75	.86	.85		1.27	.60	.77	.83	.63	.38
				.06				.05				1.20
												.08
									.05			.15

# 394 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to

[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>LX. Diseases of the nose—Continued.</b>								
Sinusitis.....			0.09	0.05				
Other diseases of the nasal fossæ.....		0.34	.09	.10		0.06		
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.....	24.74	22.23	14.19	19.17	29.80	28.04	34.88	51.49
Other diseases of the pharynx.....			.15	.05	.44	.40		
Other diseases of the larynx.....								
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.....			.15			.06		
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....	2.60	1.38	.48	.30	1.75	1.78	1.52	2.29
Mitral stenosis.....			.06			.11		
Aortic insufficiency.....			.06	.05				
Aortic stenosis.....								
Combined lesions, aortic and mitral.....								
Pulmonic lesions.....								
Unclassified.....			.18	.10	.44			
Myocarditis.....								
Myocardial insufficiency.....								
Pericarditis.....								
Heart block.....								
Cardiac hypertrophy.....			.09			.11	1.52	
Cardiac dilatation.....								
Cardiac arrhythmias.....		.17	.03	.10		.11		
Tachycardia.....	1.30	.17	.21	.25		.23	.51	
Bradycardia.....								
Hemorrhoids.....		1.03	.93	.89	.88	.63		
Varicose veins.....	1.30	1.38	.87	.94	1.31	.40	1.01	
Varicocele.....	5.21	3.79	3.66	5.39	3.07	3.16	3.54	5.15
Other diseases of circulatory system.....			.18	.05	.44	.11	.51	
<b>XII. Respiratory system:</b>								
Asthma.....				.05		.06	.51	
Bronchitis.....								
Pleurisy, fibrinous.....			.09					
Other diseases of respiratory system.....			.12	.25		.06		.5
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.....		.69	.36	.40	.88	.11	4.04	8.01
Dental caries.....				.05				
Appendicitis.....				.05		.06		
Intestinal obstruction.....								
Hernia.....	18.23	13.61	12.03	12.96	9.64	7.41	20.22	21.74
Inguinal rings, enlargement of.....	16.93	10.68	18.48	20.33	30.24	31.15	31.34	31.46
Fistula in ano.....			.06	.05		.06		
Other diseases of digestive system.....		.34	.69	.54		.50		
<b>XIV. Genito-urinary system (nonvenereal):</b>								
Nephritis, acute, chronic.....								
Nephroptosis.....								
Hydrocele.....		.52	.90	1.19	.88	.40		.5
Other diseases of genito-urinary system (nonvenereal).....		.69	1.71	1.83	1.75	.86		
<b>XV. Diseases of the skin:</b>								
Bromidrosis.....			.03	.05				
Raynaud's disease.....								
Cellulitis.....								
Ke'old.....			.06					
Large scar of face.....			.03	.05		.06		
Abdominal scar.....		.17	.06	.10				
Other diseases of the skin.....		.52	1.02	.74	.44	.63	1.52	1.72
<b>XVI. Bones and organs of locomotion:</b>								
Osteitis deformans.....			.06					
Ankylosis, bony, of joint.....	1.30	1.03	.69	.35		.29	2.02	1.14
Ankylosis, fibrous, of joint.....		3.27	.78	.84	2.63	1.49	1.01	2.29
Bursitis.....			.06					
Tenosynovitis.....			.03					
Relaxed ligaments of joint.....			.06	.05		.06		

## PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 395

men who came from cities and densely populated counties in comparison with those from  
camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

[illegible]

# 396 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to

[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
IX. Diseases of the nose—Continued.						
Sinusitis.....						
Other diseases of the nasal fossae.....			0.29	0.27		
X. Diseases of the throat:						
Tonsillitis, hypertrophic.....	35.35	34.21	14.14	26.31	39.60	33.01
Other diseases of the pharynx.....			.29	.27	.14	
Other diseases of the larynx.....						
XI. Circulatory system:						
Endocarditis, acute, chronic.....				.07	.14	
Valvular heart disease—						
Tricuspid lesions.....						
Mitral insufficiency.....		1.20	2.60	1.21	2.11	1.42
Mitral stenosis.....				.40		
Aortic insufficiency.....			.29	.13	.42	.32
Aortic stenosis.....				.07		
Combined lesions, aortic and mitral.....						
Pulmonic lesions.....						
Unclassified.....				.13	.56	.16
Myocarditis.....				.07		
Myocardial insufficiency.....						
Pericarditis.....						
Heart block.....						
Cardiac hypertrophy.....	2.53		.58	1.55	.14	
Cardiac dilatation.....			.29		.14	
Cardiac arrhythmias.....				.20		.33
Tachycardia.....			.29	.74	.28	.32
Bradycardia.....						.15
Hemorrhoids.....		2.40	1.73	1.55	.56	.32
Varicose veins.....		.60	1.44	1.48	1.97	1.74
Varicocele.....	5.05	5.40	5.19	5.67	3.37	3.55
Other diseases of the circulatory system.....				.20	.14	.16
XII. Respiratory system:						
Asthma.....				.07	.14	
Bronchitis.....	2.53			.07		
Pleurisy, fibrinous.....				.07	.14	
Other diseases of the respiratory system.....		.60		.13	.14	.16
XIII. Digestive system:						
Defective or deficient teeth.....	10.10	4.20	.58	.34	2.53	3.95
Dental caries.....						
Appendicitis.....					.14	
Intestinal obstruction.....			.29			
Hernia.....	10.10	13.81	12.70	12.89	18.06	10.90
Inguinal rings, enlargement of.....	35.35	24.01	48.77	42.84	23.31	20.05
Fistula in ano.....			.29	.07		
Other diseases of digestive system.....				.20	.14	
XIV. Genito-urinary system (nonvenereal):						
Nephritis, acute, chronic.....						
Nephroptosis.....						
Hydrocele.....	2.53	1.80	.29	.61	.56	.95
Other diseases of genito-urinary system (nonvenereal).....	2.53		3.75	2.29	1.12	1.56
XV. Diseases of the skin:						
Bromidrosis.....						
Raynaud's disease.....						
Cellulitis.....						
Keloid.....						
Large scar of face.....						
Abdominal scar.....			.29	.07	.14	
Other diseases of the skin.....			4.62	1.35	.70	.79
XVI. Bones and organs of locomotion:						
Osteitis deformans.....						
Ankylosis, bony, of joint.....		.60	.58	.47	.28	.79
Ankylosis, fibrous, of joint.....	2.53	1.80	2.02	1.15	2.53	2.21
Bursitis.....						
Tenosynovitis.....						
Relaxed ligaments of joint.....			.29	.20	.28	.16

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 397

men who came from cities and densely populated counties in comparison with those from rural districts, covering period June, 1917, to May, 1918, inclusive—Continued.

(Ratios per 1,000 men examined from city and from rural districts.)

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
0.96	0.58					0.02	0.03	0.03
.48	.19					.07	.07	.07
24.89	27.93	10.12	11.04	12.46	38.36	23.96	24.10	24.04
	.10				.63	.55	.53	.54
							.00	.00
	.29					.07	.10	.09
	.10					.00	.00	.00
1.44	2.11	1.40	.88	3.12	1.26	1.37	1.41	1.39
	.28		.09			.12	.16	.14
			.09			.08	.04	.06
	.29					.01	.02	.02
			.09			.02	.01	.01
						.01	.01	.01
.48	.19					.33	.17	.24
						.02	.01	.02
						.00		.00
						.00		.00
	.48		.09	6.23	.63	.24	.24	.24
						.01	.00	.01
	.29	.14	.09			.08	.09	.09
	.48	.14				.24	.19	.21
							.00	.00
1.91	.96	.14	.53	3.12		.82	.87	.85
1.91	.96	1.40	2.36		1.26	1.07	.88	.96
3.83	4.13	3.23	4.99	6.23	5.03	2.97	3.52	3.28
.48	.38		.09		.63	.25	.18	.21
	.19					.05	.09	.08
	.19		.09			.14	.16	.15
	.10					.08	.03	.03
1.44	.38					.09	.14	.12
1.44	.67	1.40	.79	3.12	1.89	1.44	1.37	1.40
						.00	.01	.01
						.03	.02	.03
						.00		.00
12.92	7.77	9.83	13.22	9.35	12.58	11.50	11.11	11.28
26.81	26.11	15.31	22.07	21.81	16.98	23.48	19.09	20.96
	.19		.69			.08	.09	.08
1.91	.96	.14	.44			.43	.39	.41
.96						.01	.01	.01
							.01	.00
1.91	.58	.98	.70		.63	.64	.70	.67
1.91	2.69	.70	.79	3.12	1.26	1.26	1.37	1.32
						.01	.01	.01
						.00	.00	.00
							.00	.00
						.01	.01	.01
						.01	.02	.01
.48		.28	.26			.12	.12	.12
.96	.86	.84			1.26	.94	.85	.89
						.01	.00	.00
	.38	.42	.18			.46	.49	.48
.48	1.34	.14	1.58		.63	1.10	1.41	1.28
						.02	.01	.01
.48						.02	.00	.01
						.02	.04	.03

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to  
[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.		California.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Continued.										
Joint, resection of.....										
Chronic dislocation (other than hand).....	0.26					1.10		0.11		0.06
Contracture of joint.....	.26							.11	0.25	.20
Contracture of muscle, fascia, tendon, sheath.....		.08								.04
Bunion.....	1.02	.16		11.24					.53	.45
Hammer toe.....	.77	1.07		44.94	4.39	2.56	1.62	.79	10.75	2.06
Ingrowing nail.....										.06
Contracture of plantar fascia.....									.05	
Pes cavus.....									.05	.11
Pes planus.....	237.98	121.77	307.69	382.02	142.11	150.38	157.60	88.58	224.80	173.55
Pronated foot.....	.77	.25								.13
Loss of part of foot.....	.26	.41				2.20		.34	.70	1.15
Deformities of foot (cause or type not specified).....		.25		11.24	1.75				.50	.54
Ganglion.....										
Depressed fracture of skull.....									.20	.32
Deformities of hand, result of old injury or infection.....	.77	.82				.73		.11	.80	1.26
Loss of one or more fingers.....	3.32	1.48	76.92		1.75	3.29	.81	1.12	2.89	3.22
Loss of part or whole of lower extremity.....										.06
Shortening of lower extremity.....		.16							.45	
Loss of part or whole of upper extremity.....										
Malunion fracture of upper extremity.....	.26	.49			.88	1.46		.34	1.00	1.16
Malunion fracture of lower extremity.....	.26	.08			.88	.37		.22	.65	1.23
Malunion fracture other than extremity.....									.05	.19
Nonunion fracture of upper extremity.....									.05	.06
Nonunion fracture of lower extremity.....		.08							.05	
Recent operation wounds.....										.04
Scar of head.....		.08								
Curvature of spine.....		.16				.73		.11	.25	.32
Hernia of muscle.....										
Other diseases of bones and organs of locomotion.....		.08			.88	1.83	.81	.11	.75	.91
XVII. Malformation ill-defined diseases:										
Defective physical development.....						.88			.40	.06
Deficient chest measurement.....										.06
Overweight.....	.26								.25	.13
Underweight.....	1.02	1.48				1.10	.81		2.74	.97
Malnutrition.....										
Anorchism.....										
Monorchism.....									.30	.06
Cryptorchidism.....	.51	.74			.88	.37	1.62	.34	1.29	1.03
Hypospadias.....							.81	.11		.22
Fistula, post operative.....									.06	.06
Fistula, other.....										
Bullet or other recent wound.....	.26	.25					.81	.11	.06	.24
Ill-defined diseases.....		.58				.37		.11	.20	
Disease or defect not specified.....		.08				.73	.81	.56	.90	.32
Under observation or undiagnosed.....		.08								
Total men accepted.....	1,581	3,398	5	54	286	715	324	1,620	7,554	4,675
Total number of men examined from city and densely populated counties and from rural districts.....	3,912	12,146	13	89	1,140	2,733	1,231	8,896	20,093	15,505
Ratio per 1,000 men accepted to number examined from city and rural districts.....	404.14	279.76	384.62	606.74	250.88	261.62	263.20	182.10	375.95	314.41



men who came from cities and densely populated counties in comparison with those from  
amp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
				0.81				0.48					0.28
			0.16								0.18		.57
	0.21		0.18						0.78				
1.46	.64	0.49	.72	0.81		0.51			.78	0.48	.36		.28
4.39	2.58	1.73	2.35			2.03	6.00	1.44	.52	.24	.49	6.00	2.83
				.81		.25							
297.76	240.22	156.68	119.78	210.70	190.98	194.81	164.00	184.92	152.72	218.58	132.40	240.00	170.58
		6.06	4.70	3.24				6.72	12.25	.24	.24	2.00	
	1.50	.49	.18	.81				.48	.52		.42	2.00	.85
.49	.21	.25	.54	.81						.24	.49	2.00	
		.12									.12		.28
.49	.86	.62	1.27	1.62				.48		1.44	1.64		.85
3.90	2.15	1.86	2.53	.81	4.51	.51	2.00	1.44	1.30	1.20	.91		2.83
	.21	.25	.18	.81						.48	.24		
		.25	.18			.25					.06		
.97	.64	.12	.36	4.05		.25			.26		.49	4.00	
	1.50	.62			1.50	.51			.52	.48	.38	2.00	.57
				.81							.06		
								.48					
.49	.43	.49	.54	.81	1.50	.25		.96			.24	2.00	.57
	.43	.87	1.45		3.01	.25		.48	.26	.48	.42	2.00	.57
.49		.12	.18			.51	2.00		.26	.24	.06	2.00	
.49		.49	.36			.25							
.49	.21	1.98	.90	4.05	7.52	1.53			.26				
						3.81	2.00		.52	4.81	2.61	6.00	.57
		.37	.18					.48			.06		
.49	1.72	2.10	1.27	1.62	3.01	1.78				1.44	1.09		1.13
						.25		.48		.24	.30		
										.24	.06		
.49			.36	1.62	1.50				.52		.61		
.97	1.08	.49	.18	.81	1.50				1.30		1.09		
.49	1.50	.49	.90						.52	.48	.42		
						.25		.48		.48			
855	1,543	2,367	1,421	439	225	1,102	104	747	1,198	1,416	4,516	189	978
2,052	4,654	8,080	5,527	1,234	665	3,982	500	2,082	3,837	4,154	16,480	500	3,535
416.67	331.54	292.95	257.10	355.75	338.35	280.26	208.00	358.79	312.22	340.88	274.03	378.00	276.66

## 400 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent

[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion—</b>									
Continued.									
Joint, resection of.....									
Chronic dislocation (other than hand).....		.05	.10	.13	.13		.12		.12
Contracture of joint.....	.14	.05	.20	.13	.45		.30		.12
Contracture of muscle, fascia, tendon, sheath.....			.07	.13			.06		
Bunion.....	.80	.69	.50	.89	.39	.75		.75	.59
Hammer toe.....	3.92	3.55	2.26	2.28	2.07	1.76	2.06	1.56	1.75
Ingrowing nail.....	.05			.13	.06				
Contracture of plantar fascia.....									
Pes cavus.....	.09	.16	.07	.25		.50	.30		.15
Pes planus.....	202.95	285.88	179.32	169.92	154.13	233.90	160.19	254.49	212.89
Pronated foot.....	.19	.58	.63		.06	.25	.12		.12
Loss of part of foot.....	.19	.90	.76	.38	.39	1.26	.42	.78	.58
Deformities of foot (cause or type not specified).....	.19	.32	.30	.25	.19		.30		.25
Ganglion.....									
Depressed fracture of skull.....	.05	.05	.13		.13				.15
Deformities of hand, result of old injury or infection.....	.85	.64	.80	1.01	.97	1.51	.66		1.57
Loss of one or more fingers.....	1.94	1.80	2.79	2.16	2.85	3.27	3.50	4.68	2.97
Loss of part or whole of lower extremity.....			.17	.13	.06				
Shortening of lower extremity.....	.24	.21	.20		.13		.18		.15
Loss of part or whole of upper extremity.....									
Malunion fracture of upper extremity.....	.09	.69	.66	.38	1.30	.50	.42	1.56	.92
Malunion fracture of lower extremity.....	.24	.53	.43	.51	.32	.25	.54	.78	1.12
Malunion fracture other than extremity.....			.07		.06		.06		.12
Nonunion fracture of upper extremity.....			.03		.06		.06		
Nonunion fracture of lower extremity.....			.07						
Recent operation wounds.....	.05								
Scar of head.....	.05		.03						.12
Curvature of spine.....	.90	1.82	.50	.63	.13	.75	.18	.78	.12
Hernia of muscle.....			.03						
Other diseases of bones and organs of locomotion.....	.24	.48	.56	.63	.78	.25	.54		1.17
<b>XVII. Malformation ill-defined diseases:</b>									
Defective physical development.....	.19	.11		.63	.06		.06		.25
Deficient chest measurement.....	.05	.05	.03	.13					
Overweight.....	.42	.87	.13	.25	.13	.25		1.56	
Underweight.....	1.56	4.13	1.43	.76	.26	1.76	1.03	4.68	1.52
Malnutrition.....									
Anorchism.....									
Monorchism.....	.05	.16	.03	.25	.19				
Cryptorchidism.....	1.18	1.80	1.40	1.39	1.68	1.76	1.03		1.75
Hypospadia.....	.47	.42	.37	.38	.13	.25	.30		.35
Fistula, post operative.....									
Fistula, other.....	.05	.05	.13	.25					.12
Bullet or other recent wound.....	.19	.11	.13	.25	.06				.12
Ill-defined diseases.....	1.23	.58	.93	1.39	1.17	2.01	.48	.78	.95
Disease or defect not specified.....	.80	.42	.59	.13	.19	.50	.36		.70
Under observation or undiagnosed.....			.03	.13					
Total men accepted.....	6,716	7,901	8,667	2,240	4,135	1,400	4,413	479	2,755
Total number of men examined from city and densely populated counties and from rural districts.....	21,173	18,889	30,097	7,883	15,442	3,976	16,568	1,281	5,577
Ratio per 1,000 men accepted to number examined from city and rural districts.....	317.20	418.29	287.97	284.05	267.78	369.47	266.36	373.93	321.21

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 401

men who came from cities and densely populated counties in comparison with those from  
 amp, covering period June, 1917. to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
												0.06		
0.44						0.38		0.28	0.11		0.12			0.06
	0.22							.14		0.07	.04	.11	0.08	.13
							0.22			.07		.06		.13
.88	.37	1.04	0.11			.19	.66	.28	.77	.29	.75	.83	2.16	.85
2.64	.67	2.60	.69	1.41	1.53	1.53	1.76	2.92	2.20	1.89	1.67	1.72	4.15	4.62
	.07									.07	.08		.08	
						.38	.66		.11	.07	.46	.78	.08	
136.18	86.80	171.04	81.46	247.17	119.25	348.28	214.08	312.22	148.27	109.91	141.70	111.47	243.32	156.82
	.30	.26	.23	5.65	2.30	4.96	3.74	3.62	6.61	5.67	.12		.25	.26
.44	.74		.46	2.82	1.92	.57	.66	.14	.44	.44	.29	.28	.83	1.04
	.45		.11			.38	.22	.56	.22	.22	.25	.28	.50	.26
	.52						.66		.11		.22	.04	.06	.13
1.32	.89	1.56	.34		1.15		.88	.70	.88	.51	.62	.30	.83	.52
2.64	2.98	.78	.69	1.41	1.53	1.72	3.30	1.39	2.42	2.33	1.91	2.17	3.40	3.51
					.38								.08	.06
	.22		.11		.77		.66		.22	.22	.12	.11	.41	.33
.44	1.04		.11			.19		.56	.55	.22	.37	.28	.75	.33
	.15		.23		.38	.19		.56	.33	.29	.08	.33	.41	.13
	.07								.11	.07				
											.04			
											.04	.06	.08	.06
	.22		.11		.38	.19		.14		.07	.04		.25	.26
								.42	.22	.22	.25	.28	.25	
.44	.30		.46		.77	.19	1.54	.56	.55	.44	.37	.39	.66	.91
	.30					.19				.15	.17		.25	.26
	.15		.23		.38	.19	.22	.28	.11		.08	.11		.06
	.30	.78	.92	2.82	3.07	1.34		1.11	1.10	1.09	.54	.50	1.08	.46
	.07													
	.15		.11			.38		.28	.11	.15	.08		.17	.20
	1.56	.26	.46		.38	1.34	.66	.70	1.76	1.67	1.37	.83	2.32	1.50
	.37	.26	.57				.22	.28	.22		.04	.17	.33	.26
.44			.11		.38			.14	.11	.07	.04			
.44	.30		.11				.22			.07		.11	.08	
.88	.74	.26	.57	1.41	.38	.57	.44	.84	.66	1.09	.42	.50	.75	.39
1.32	.45	.26	.23		.38	.76	.44	.70	.33	.58	.62	.28	.33	1.17
	.07	.26	.23					.14	.11	.07	.08			
629	2,550	1,154	1,721	278	604	2,872	1,505	3,424	2,547	3,204	5,618	3,579	3,839	3,876
2,269	13,444	3,847	8,709	708	2,608	5,240	4,545	7,184	9,078	13,747	24,022	18,013	12,060	15,368
277.21	189.68	299.97	197.61	392.66	231.60	452.67	331.13	476.61	290.57	233.07	233.87	198.69	318.32	252.21

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to  
[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Con.								
Joint, resection of.....								
Chronic dislocation (other than hand).....			0.10	0.07		0.10		0.11
Contracture of joint.....		0.25	.19	.27		.10	0.32	.11
Contracture of muscle, fascia, tendon, sheath.....								.12
Bunion.....		.25	.87	.48		.52	.97	.57
Hammer toe.....		.63	2.12	1.29	3.33	2.89	3.25	2.33
Ingrowing nail.....								
Contracture of plantar fascia.....								
Pes cavus.....			.29	.14		.31	.32	
Pes planus.....	104.40	69.44	271.24	233.27	170.95	180.26	200.56	210.7
Pronated foot.....	1.37	.25	.29	.20		.21		.25
Loss of part of foot.....		.13	.58	.75	.48	.62	1.30	.64
Deformities of foot (cause or type not specified).....		.50	.68	.68	.95	.42	.65	.64
Ganglion.....								
Depressed fracture of skull.....			.20	.20		.10		.25
Deformities of hand, result of old injury or infection.....		.38	.97	1.16	2.86	1.04	1.30	.7
Loss of one or more fingers.....		1.88	2.41	2.04	3.33	3.94	1.30	1.6
Loss of part or whole or lower extremity.....			.10			.10		
Shortening of lower extremity.....		.13	.39	.07				
Loss of part or whole of upper extremity.....				.07				.13
Malunion fracture of upper extremity.....	1.37	.50	1.25	1.29	1.43	1.04	.97	1.02
Malunion fracture of lower extremity.....	1.37	.63	.58	.89	1.43	.62	.33	1.03
Malunion fracture other than extremity.....						.10		.13
Nonunion fracture of upper extremity.....				.07				.13
Nonunion fracture of lower extremity.....				.07				
Recent operation wounds.....								
Scar of head.....								
Curvature of spine.....			.97	.48		.42	.32	
Hernia of muscle.....			.10					
Other diseases of bones and organs of locomotion.....		.63	.68	.68		.42	.65	.39
XVII. Malformation, ill-defined diseases:								
Defective physical development.....		.13	.19	.07		.10	.65	.13
Deficient chest measurement.....			.10					
Overweight.....		.25	.29				.32	
Underweight.....	1.37	.50	2.03	1.09	1.90	.93	.65	.11
Malnutrition.....								
Anorchism.....								
Monorchism.....				.07	.95	.21		.13
Cryptorchidism.....		.63	1.83	.82	1.90	1.35	.32	2.06
Hypospadias.....			.10	.20		.10	.32	.13
Fistula, post operative.....			.10					
Fistula, other.....			.10	.07		.10		
Bullet or other recent wound.....		.75	.10	.41	.95	.31	.32	.11
Ill-defined diseases.....		.25	1.16	.95		.21	.97	1.03
Disease or defect not specified.....		.63		.75	.48	.52		.52
Under observation or undiagnosed.....								
Total men accepted.....	179	1,614	4,230	5,003	626	2,754	1,155	2,236
Total number of men examined from city and densely populated counties and from rural districts.....	728	7,978	10,360	14,676	2,100	9,636	3,078	7,762
Ratio per 1,000 men accepted to number examined from city and rural districts.....	245.88	202.31	408.30	340.90	298.10	285.80	375.24	288.33

men who came from cities and densely populated counties in comparison with those from  
camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

Nevada.		New Hamp- shire.		New Jersey.		New Mexico.		New York.			North Caro- lina.	
Cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.	New York City.	Other cities.	Rural dis- tricts.	Cities.	Rural dis- tricts.
				0.06			0.42	0.07	0.05	0.08		0.08
				.06	0.08	2.39		.21	.10	.04		.15
					.16		.42	.05		.08		.45
30.61	0.89		0.58	.57	.39	2.39	.84	.62	2.37	.42	2.52	1.28
	8.86		1.17	13.69	2.17	4.77	3.38	4.02	2.66	1.86	1.89	1.20
				.06								
				.17	.23	2.39		.02	.10	.15		.08
90.68	184.23	178.70	119.53	148.62	121.30	164.68	181.17	236.84	205.64	190.02	217.39	203.64
		1.80		1.94	1.46			.29	2.47	1.78	1.26	1.50
			1.17	.23	.39		.42	.55		.61	.63	.38
		1.80		1.08	.31		.42	.10	.46	.27		.38
3.40	.89			.11	.08			.02				
					.08			.07	.10	.08		
3.40	1.77	1.80		.91	.93		.84	.48	.77	.64	.63	.75
	5.31		4.66	2.68	2.25	4.77	1.27	1.38	1.36	1.90	2.52	1.50
					.08						.63	
	.89			.17	.47			.19	.63	.30		.15
	1.77		.58	.74	.85			.38	.63	.57		.83
				.11	.47		.42	.29	.29	.27	.63	.38
					.08					.05		
									.05			
								.02				
			.58	.06								
		3.61	1.17	.06	.08				.10	.04		.08
				.40	.33			.07	.82	.42		.60
				.57	.08		.84	.24	.63	.76	1.89	.60
6.80				.23	.47			.14	.19	.15		.15
				.11								
			.58		.06		.42	.17	.15	.04	.63	.08
		1.80	1.17	2.22	.78	2.39		1.00	1.26	1.78	.63	.38
				.06								
				.23						.19	.63	.08
	1.77	1.80	1.17	2.00	2.33		2.96	1.79	1.16	1.25	.63	.45
				.29	.08					.11		.38
					.16			.02				
				.11	.23			.02	.05	.06		.08
		1.80		.86	.93		.42	.07	1.45	.49		1.28
			1.17	.29	.23	2.89	.42	.50	.63		.63	1.13
			1.75		.16			.05				
109	375	168	389	5,209	3,440	125	656	13,967	6,893	8,038	556	4,358
294	1,129	554	1,715	17,528	12,877	419	2,368	42,008	20,648	26,365	1,587	13,313
70.75	332.15	303.25	226.82	297.18	267.14	298.33	277.03	332.48	333.83	304.87	350.85	327.85

## 404 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men sent to the front.  
[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion—Continued.</b>								
Joint, resection of.....						0.06		
Chronic dislocation (other than hand).....			0.03	0.05		.06		
Contracture of joint.....		0.17	.18			.17		
Contracture of muscle, fascia, tendon, sheath.....		.17				.06		
Bunion.....	1.30	.17	.96	1.14	.44	.29		
Hammer toe.....		5.51	3.03	3.07	1.75	.63	2.53	1.5
Ingrowing nail.....			.06	.05				
Contracture of plantar fascia.....								
Pes cavus.....			.15	.54		.11		
Pes planus.....	195.31	190.07	209.40	177.63	238.39	132.17	269.46	18.2
Pronated foot.....		.17	1.14	.89	.44			
Loss of part of foot.....	1.30	1.03	.66	.49	.44	.69	1.01	3.5
Deformities of foot (cause or type not specified).....	.52	.54	.20		.29	1.01		
Ganglion.....								
Depressed fracture of skull.....			.21	.20		.11	1.01	
Deformities of hand, result of old injury or infection.....	1.30	1.38	1.35	1.04	.88	.86	1.52	1.7
Loss of one or more fingers.....		2.76	3.27	3.46	1.75	2.01	3.03	4.5
Loss of part or whole of lower extremity.....		.17	.03	.05	.44	.17		
Shortening of lower extremity.....			.21	.25		.06		
Loss of part or whole of upper extremity.....			.06					
Malunion fracture of upper extremity.....		.86	.75	.69	.44	.63	2.02	2.2
Malunion fracture of lower extremity.....		.34	.42	.64		.23	1.01	
Malunion fracture other than extremity.....			.06	.05				
Nonunion fracture of upper extremity.....				.05				
Nonunion fracture of lower extremity.....						.06		
Recent operation wounds.....			.03	.05			.51	
Scar of head.....				.05				
Curvature of spine.....	2.60	.17	.27	.35	.44	.17		
Hernia of muscle.....								
Other diseases of bones and organs of locomotion.....		1.03	.21	.89		.17	.51	
<b>XVII. Malformation ill-defined diseases:</b>								
Defective physical development.....		.34	.18	.05		.11		
Deficient chest measurement.....			.03			.06		
Overweight.....			.03	.35	.44	.29		
Underweight.....		.52	.39	.15	2.19	1.72	3.54	
Malnutrition.....								
Anorchism.....						.06		
Monorchism.....	1.30		.06	.05		.11		
Cryptorchidism.....	6.51	1.55	.93	.74	1.75	1.53	1.52	2.2
Hypospadias.....		.17	.18	.25		.06		
Fistula, post operative.....			.03					
Fistula, other.....						.06		
Bullet or other recent wound.....			.12	.05		.06		
Ill-defined diseases.....		.69	1.59	1.93	.44	.69	.51	
Disease or defect not specified.....		.52	.66	.79	.88	.57		
Under observation or undiagnosed.....								
Total men accepted.....	243	1,695	10,782	5,972	889	4,720	831	6
Total number of men examined from city and densely populated counties and from rural districts.....	768	5,803	33,329	20,216	2,262	17,402	1,978	1,76
Ratio per 1,000 men accepted to number examined from city and rural districts.....	316.41	292.09	323.50	295.41	389.57	271.23	420.12	361

men who came from cities and densely populated counties in comparison with those from  
amp, covering period June, 1917, to May, 1918, inclusive—Continued.

[ Ratios per 1,000 men examined from city and from rural districts.]

Pennsylvania.			Rhode Is- land.		South Caro- lina.		South Da- kota.		Tennessee.		Texas.		Utah.	
Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
0.26	0.10	0.10						0.26		0.20	0.14	0.07		0.38
	.29	.29				0.24		.26		.10	.28	.14		
1.36	1.08	.72	0.42		0.69					.20		.04		
1.10	2.21	1.57	2.12	0.63	1.38	1.32	11.11	.53	1.29	.59	.55	.43	0.51	.38
3.05	2.55	2.85	1.27	1.89		1.32		3.17	.78	.88	1.11	1.39	3.57	2.28
	.05	.02										.14		
.32	.93	.65				.24		.26		.10	.28			
198.15	164.33	141.37	193.97	151.52	154.59	97.92	283.33	211.21	184.48	136.55	171.08	141.34	269.90	145.62
13.38	30.98	23.03	2.12	3.16	.69	1.20		.26	3.88	5.28		.11	.51	.38
.39	.69	.70			.69	.84		1.59	.78	.59	.69	.82		1.52
.52	.88	.53	.85			.36		1.06	.52	.10	.28	.32		.76
	.10	.05				.12			.52	.10	.42	.04	.51	.38
.71	.98	.72	.42	1.89	.69	.60		.53	1.55	1.37	.69	.39	.51	.38
1.17	2.21	2.85	2.97	2.52	.69	.60		3.17	1.03	3.13	2.63	1.53	2.04	1.90
	.10	.05			.69	.12					.14	.14		
.78	1.03	.84				.24		.26	.52		.42	.28	.51	.38
		.02				.12						.04		
.32	.59	.53	.85			.36		1.06	.78	.59	.55	.61	.51	1.90
.39	.54	.31				.48		1.06		.68	.42	.43	.51	2.65
		.10						.26						
	.05													
		.02				.12		.26			.14	.04		
.32	.15				.69					.10				
	.59	.36				.24			.78	.39	.42	.14		
		.02												
.52	1.52	1.83	1.27	1.26	.69	.48		1.32	.78	.78	.28	.43	1.53	
	.10	.10	.42							.20	.14	.07	.51	
.13	.06	.10									.14	.07	.51	
.19	.25	.02				.12				.10				
.39	.49	.19	2.55	1.89	1.38	.36		.53	1.03	.68	1.25	.68	3.57	1.52
		.02												
.06														
	.05	.07				.60					.42	.18		.38
.65	1.76	1.28	1.70	1.89	.69	.96		1.85	1.81	.59	1.25	1.64	1.02	.76
.32	.29	.29	.42			.12			.78		.42	.21	.51	
		.42												
	.05					.12					.14	.04		
.06		.10		.63	.69	.24			.26	.39	.14	.18	.51	.38
.39	.74	.51	1.70	.63	4.14	1.32		.26	.52	.59	1.11	.71	.51	
.45	.44	.84	.85		.69	.84			.26	.88	.28	.50	1.53	
									.10					.28
4,946	7,256	12,609	781	431	435	2,059	80	1,160	1,249	2,618	2,282	7,716	741	699
15,392	20,398	41,422	2,356	1,584	1,449	8,323	180	3,783	3,865	10,231	7,213	28,067	1,960	2,637
121.34	355.72	304.40	331.49	272.10	300.21	247.39	440.44	306.63	323.16	255.89	316.37	274.91	378.06	265.07

TABLE XIX.—Men accepted as qualified with defects at mobilization camp, showing rural districts, covering approximately the first million men and 1.  
[Ratios per 1,000 men examined from city and from rural districts.]

Accepted, disease or defect.	Vermont.		Virginia.		Washington	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Continued.						
Joint, resection of.....			0.29			
Chronic dislocation (other than hand).....		0.60		0.07	0.14	
Contracture of joint.....			.29	.94	.28	0.4
Contracture of muscle, fascia, tendon, sheath.....			1.15	.54		.16
Bunion.....		.60	4.91	3.17	.56	.32
Hammertoe.....		5.40	6.35	4.93	9.69	6.3
Ingrowing nail.....			.29	.40	.14	
Contracture of plantar fascia.....						
Pes cavus.....	2.53		.87	.27		
Pes planus.....	111.11	151.86	245.31	231.63	183.26	170.12
Pronated foot.....	2.53	5.40	27.71	13.29		
Loss of part of foot.....		1.80	.87	.34		2.05
Deformities of foot (cause or type not specified).....				.13	.84	.63
Ganglion.....						
Depressed fracture of skull.....				.20	.14	.1
Deformities of hand, result of old injury or infection.....	2.53	1.20	2.02	1.75	.42	.92
Loss of one or more fingers.....	2.53	3.00	3.75	3.24	3.37	1.32
Loss of part or whole of lower extremity.....					.14	
Shortening of lower extremity.....		.60	1.15	.67	.42	.32
Loss of part or whole of upper extremity.....				.13		.16
Malunion fracture of upper extremity.....	5.05	.60	.58	1.08	.84	1.42
Malunion fracture of lower extremity.....		.60	.29	.54	1.54	1.42
Malunion fracture other than extremity.....				.07		.16
Nonunion fracture of upper extremity.....						
Nonunion fracture of lower extremity.....						
Recent operation wounds.....				.13		
Scar of head.....				.07		
Curvature of spine.....		1.80	.58	1.62	.28	.12
Hernia of muscle.....						.12
Other diseases of bones and organs of locomotion.....		.60	4.33	4.39	.98	.12
XVII. Malformation, ill-defined diseases:						
Defective physical development.....		.60	.29		.14	.16
Deficient chest measurement.....						
Overweight.....					.42	
Underweight.....	2.53	1.20	.29	.61	2.25	1.42
Malnutrition.....						
Anorchism.....			.29			
Monorchism.....				.07	.28	
Cryptorchidism.....		3.00	1.15	.88	.70	1.11
Hypospadia.....			.58	.07	.14	
Fistula, post operative.....						
Fistula, other.....		.60		.07	.14	
Bullet or other recent wound.....		.60	.29	.20	.42	
Ill-defined diseases.....			.87	.67	.14	.16
Disease or defect not specified.....			.58	1.75	.14	.32
Under observation or undiagnosed.....						
Total men accepted.....	104	487	1,832	6,820	2,371	1,982
Total number of men examined from city and from densely populated counties and from rural districts.....	396	1,666	3,465	14,821	7,121	6,331
Ratio per 1,000 men accepted to number examined from city and rural districts.....	262.63	292.32	528.72	460.16	332.96	297.74



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 407

men who came from cities and densely populated counties in comparison with those from camp, covering period June, 1917, to May, 1918, inclusive—Continued.

[Ratios per 1,000 men examined from city and from rural districts.]

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
	0.10					0.00	0.01	0.00
	.29		0.09			.08	.08	.08
0.48	.29	.0.14	.26			.13	.19	.17
.48	.19		.09			.14	.15	.14
3.35	2.11	1.55	.61	9.35	1.26	1.04	.72	.86
.96	2.40	2.53	1.66	9.35	4.20	3.87	2.31	2.97
.48						.04	.03	.03
						.00		.00
	.48	.28	.09			.19	.19	.19
206.36	211.06	166.06	170.87	271.03	195.60	206.78	157.24	178.37
10.53	10.08	.56	.09	3.12		3.55	3.29	3.40
	.38	.70	.61		1.89	.48	.67	.59
	.19	.42	.26	6.23	1.89	.42	.34	.37
						.01	.00	.00
.48	.29	.14	.18			.10	.13	.12
1.44	.86	.42	1.05		2.52	.83	.86	.84
1.91	1.73	2.39	3.24		2.52	2.15	2.44	2.32
.48		.14	.09			.03	.05	.04
	.96		.09	3.12		.30	.27	.29
.48	.67					.02	.03	.03
.48	.29	.42	.70		.63	.58	.67	.63
	.10	.42	.09	9.35	1.26	.39	.47	.43
						.02	.05	.03
	.10			3.12		.01	.02	.01
						.01	.01	.01
						.02	.02	.02
						.03	.02	.02
.48	.10	.14				.43	.32	.37
						.00	.01	.00
.96	1.25	.84	.35		.63	.56	.80	.70
	.19	.14	.09			.17	.10	.13
	.10					.03	.03	.03
		.14	.09			.20	.08	.13
.48	.10	.84	.79	3.12	1.89	1.43	.85	1.10
						.00	.00	.00
		1.83			1.89	.04	.01	.02
		.28	.18			.11	.09	.10
1.44	.67	.96	2.10		1.26	1.38	1.23	1.29
	.48	.28	.09			.19	.19	.19
						.01	.00	.01
	.10		.09			.03	.04	.04
	.58		.09		1.89	.10	.19	.15
.48	1.06	1.12	.96			.74	.72	.73
.48	.58	.42	.35			.50	.56	.53
						.03	.03	.03
784	3,839	1,783	3,057	131	522	126,268	143,446	1,269,714
2,089	10,419	7,118	11,418	321	1,590	377,020	506,965	883,985
375.30	368.46	250.49	267.74	408.10	328.30	334.91	282.95	305.11

<sup>1</sup> Does not include 1,678 men. This number is distributed throughout all the States and is the total of those records which did not specify whether the men came from cities or from rural districts.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
[Absolute numbers.]

Rejections, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.		California.	
	Cities. <sup>1</sup>	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....										
II. Tuberculosis, pulmonary.....	24	76			6	28	12	200	95	145
Tuberculosis, all other.....		10			1		3	13	6	
III. Venereal diseases:										
Chancroid.....									1	
Gonococcus infection.....	4	2				2		2	13	42
Syphilis, all.....	7	7			3	7	5	31	27	21
IV. General diseases:										
Tumors, benign.....										
Carcinoma.....										
Obesity.....									1	2
Cretinism.....										
Goiter, simple.....		1				1		2	6	3
Exophthalmic goiter.....						3			4	16
Diabetes mellitus.....		1								
Alcoholism, chronic.....									2	2
Drug addiction.....					1		1		12	5
Arthritis.....	6	14			1	1	2	6	15	10
Poisoning, chronic.....										
Other general diseases.....		1			1	1		1	10	5
V. Nervous diseases:										
Speech, defective.....		1							7	4
Neurasthenia.....	1	1						1	1	2
Neuritis.....										
Multiple sclerosis.....								1	1	2
Paralysis of muscle.....		1							3	3
Paralysis of nerve.....	1	1						2		2
Epilepsy.....	2	11			1	1	3	30	15	6
Jacksonian epilepsy.....	1	1								
Hysteria.....		1						1	2	2
Tabes dorsalis.....	1	3							1	1
Other diseases of nervous system.....	3	5						7	3	5
VI. Mental diseases:										
Mental deficiency.....	12	92			1	1	3	35	25	26
Dementia præcox.....	2	8				2	1	5	4	2
Constitutional psychopathic states.....	1	14				1		2	4	11
Psychasthenia.....								1	1	
Psychoneuroses.....	1	5						4	5	1
Psychoses, alcoholic.....									1	1
General paralysis of insane.....										
Psychoses, other.....	6	11				2		2	6	3
VII. Diseases of the eye:										
Defective vision, cause not stated.....	15	61			2	7	3	47	257	179
Strabismus.....		1				1		2	10	6
Myopia.....		1					1	4		1
Hyperopia.....	2	2						1		
Astigmatism.....	2	2				1		2		
Leucoma.....	1									
Cataract.....	1	2						2	1	
Conjunctivitis, other.....										
Conjunctivitis, granular.....		1				2		2	4	5
Pterygium.....										1
Choroiditis.....	1									
Retinitis.....										
Amblyopia.....										
Color blindness.....										2
Glaucoma.....										
Keratitis.....	1	1								
Nystagmus.....									1	1
Eye, enucleation of.....										
Other diseases of the eye.....	2	3				2		4	6	3
VIII. Diseases of the ear:										
Defective hearing.....		4						2	11	6
Otitis media.....	4	13			2	6	1	5	83	51
Perforated ear drum.....									12	9
Other diseases of the ear.....						1			3	3

<sup>1</sup> Includes cities and densely populated counties, each State.

and densely populated counties in comparison with those from rural districts, covering men sent to camp.

[Absolute numbers.]

Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
14	1 46 1	1 37 1	1 81 2	5 1	1	4		19	3 24 2	17	2 105 1	1	1 16
4	3 2	15 20	3 7	1	1	1		3 15	1 14	2	3 18		1 3
								1					
	5		3 1		1			1		4	2	2	3 5
2 2		4 5 4	1 2	1		1		4	1				1 3
			1					1	2	1	2		1
			4						1 1	1	1		1
1		1 1	2	1				1	1		3 1		
2	2	10	18	1 1	1	1		1	9	1	13		2
				1				1			2 1		
1		1	1					2		1	6		1
2 1	6	17 3	20 1		1			4	30 1	6 3	57 10	1	6 1
1	7	2	1 1		1	1		1		1	6		
	1	1			1			2	3		5		
	1 1	1 1	1					1 1	2 1	1 1			
3	7	112	87 1 12	4 1 1	1	3		12 1 1	36 1 1	18	90	3	28 2
		2	3		1			1	1				
	1										3		
									2 2 1				2
		3	5						2				
		1						1					
								1	1	1	1		
		1	1			1			1		2		2
2	6	5 23	6 7	2 3	1	2		2 7	6 8		12 8 1	1	1 8 2
								1					

## 410 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
[Absolute numbers.]

Rejections, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		1			1		1		1
II Tuberculosis, pulmonary.....	36	45	92	33	39	11	73	9	55
Tuberculosis, all other.....	2	3	7	1	2	1	3		4
III. Venereal diseases:									
Chancroid.....	1								
Gonococcus infection.....	7	8	7	3	1	1	3		
Syphilis, all.....	26	15	23	29	35	2	4	2	14
IV. General diseases:									
Tumors, benign.....									
Carcinoma.....									
Obesity.....	1	3							
Cretinism.....									
Goiter, simple.....	4	4	5	2	3		9	1	3
Exophthalmic goiter.....	5	11	8	3	6	1	10	1	5
Diabetes mellitus.....		1	2						
Alcoholism, chronic.....	1	5	1		1				
Drug addiction.....	3	4	1				3	3	1
Arthritis.....	8	8	7	1	1	4	32	1	2
Poisoning, chronic.....									
Other general diseases.....	4	3	3	4			3	1	4
V. Nervous diseases:									
Speech, defective.....	1	2	2	1	3				
Neurasthenia.....	2	3	2				9		1
Neuritis.....							3		
Multiple sclerosis.....			1		1				
Paralysis of muscle.....	2	1	4			1	4		1
Paralysis of nerve.....			1				1		1
Epilepsy.....	13	12	11	5	10	2	16		3
Jacksonian epilepsy.....									
Hysteria.....		2	3				6		
Tabes dorsalis.....							2		
Other diseases of nervous system..	3	2	6		6		11	1	2
VI. Mental diseases:									
Mental deficiency.....	13	10	41	4	12	4	73	1	15
Dementia præcox.....	3	3	3	2	2	1	9		1
Constitutional psychopathic states.	2	1	4	1			6	3	3
Psychasthenia.....	1				2				
Psychoneuroses.....	3	6	3	2			1	1	6
Psychoses, alcoholic.....		1	1						
General paralysis of insane.....	1	1	1		1		2		3
Psychoses, other.....	3	1	2			1	3		1
VII. Diseases of the eye:									
Defective vision, cause not stated..	158	76	96	26	57	11	52	6	23
Strabismus.....			1	1	5		1		
Myopia.....	1	2	10	4	15		3		
Hyperopia.....			2	5	1				
Astigmatism.....		1	4		1		1		1
Leucoma.....									
Cataract.....			2	1	2				1
Conjunctivitis, other.....			6	1	1		1		
Conjunctivitis, granular.....		6	53	6	27		1		2
Pterygium.....		1	2						
Choroiditis.....	1			1	3		1		
Retinitis.....	1		1						
Amblyopia.....		1	4	3	3		2		
Color blindness.....									
Glaucoma.....									
Keratitis.....			1				1		
Nystagmus.....			1		1				
Eye, enucleation of.....									
Other diseases of the eye.....	1	2	3	2	6	1	3		2
VIII. Diseases of the ear:									
Defective hearing.....	7	1	8	2	5	1	5		1
Otitis media.....	61	26	45		14	3	22	3	11
Perforated ear drum.....	3	1	1	2					
Other diseases of the ear.....					1				

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 411

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

[Absolute numbers.]

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
16	102	35	75	1	23	2	1	2	1	68	3	1	17	1
2	8		1	2	1			5	3	7	1	6		4
1	2		1						1		1			
13	31	2	3		3	2			5	21	11	5	5	1
		9	31	2	8	2		11	29	25	52	14	6	5
											1	1	1	
										1				
1	1		1		1				1	1	8	6	4	13
1	5		1						2		18	22	1	4
				1	1			7	7	4	1	2		
1	2	3			1		1	2	2	1	3		6	1
	5	1	3	1	2			3	2	6	5	5	7	9
								1	1	2	6	4	1	2
	5	1			1									
1	2				2				1	2	3	5		
									1	6	2	1		
				1				1	1	1	2	4		1
							1		1	1	3	6	3	1
1		1	1					1	2	1	1	1	1	
		1	4											
1	10	16	54	1	6		1	13	12	27	16	12	2	6
		1										1		
	1				2				1	1	1			
3	1	1									5	2		
1	7	5	4		1			3	1	7	3	4	1	2
2	28	10	49	2	10	1	3	10	26	21	46	107	9	21
		2	2			1		4	7	2	6	8	6	3
1	1				1			1	3	2	7		3	3
	1	1							1	4				
	1	3	1								3	2	3	1
	2		4					1	1	3	5	6		2
15	60	11	60	3	22	8	4	92	100	178	160	124	48	48
	2								1	4	7	3		1
1	13	1	2		2	3		5	3	12	49	24	2	
	7	2	2					1	2	1	6	6	2	
	1	2	2		1			6	6	9	19	13	1	1
												1		
1	1		1						1		5	6		
	2		2											
3	74		1						2		4	2		
	1									1				
			2								3	1		1
											1	1		
	5									1	17	5		2
												1		
	1		1								1	21		1
											1		1	
1	8	1	3				2	1	2	1	3	10	3	3
1	9	2	3		8			2	10	11	10	4	2	2
7	21	5	7	3	4	3	3	10	22	16	73	52	14	14
											1	2		1
								1		1				

412 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
[Absolute numbers.]

Rejections, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		1		2				
II. Tuberculosis, pulmonary.....	3	97	104	117	5	28	17	28
Tuberculosis, all other.....		1		2	1	7		1
III. Venereal diseases:								
Chancroid.....			1				1	
Gonococcus infection.....	1	7	8	3		6		
Syphilis, all.....		12	49	33	7	9	10	7
IV. General diseases:								
Tumors, benign.....		2		1				
Carcinoma.....								
Obesity.....								
Cretinism.....								
Goiter, simple.....		1	1	4	1	12	2	
Exophthalmic goiter.....		2	7	5	1	8	2	1
Diabetes, mellitus.....								2
Alcoholism, chronic.....	1			2				
Drug addiction.....		1	6	3			1	
Arthritis.....		6	4	1		5		
Poisoning, chronic.....					1			
Other general diseases.....		3	2		2	3	2	1
V. Nervous diseases:								
Speech, defective.....		1	1	3		3		
Neurasthenia.....			1	1			1	
Neuritis.....								
Multiple sclerosis.....		1						1
Paralysis of muscle.....		1		1		1		
Paralysis of nerve.....			1	1			1	
Epilepsy.....	1	16		14		4	3	3
Jacksonian epilepsy.....								
Hysteria.....		1	1	2		1	1	
Tabes dorsalis.....	1			2	2		1	
Other diseases of nervous system.....	1	5	6	4	1	3		
VI. Mental diseases:								
Mental deficiency.....	6	57	13	66	3	15	7	14
Dementia, precox.....		5	1	4			1	2
Constitutional psychopathic states.....		1	8	7		1	2	2
Psychasthenia.....			1					
Psychoneuroses.....		3	4	8	2	2		2
Psychoses, alcoholic.....			1					
General paralysis of insane.....				2				
Psychoses, other.....		1	1	2		2	1	
VII. Diseases of the eye:								
Defective vision, cause not stated.....	7	82	21	49	20	87	7	22
Strabismus.....					1	3		1
Myopia.....		2	1	3			1	
Hyperopia.....		1	1					
Astigmatism.....		2	1	1		1		
Leucoma.....								
Cataract.....		3		2				2
Conjunctivitis, other.....								
Conjunctivitis, granular.....			4	18		3		
Pterygium.....					1			
Choroiditis.....		1		2				
Retinitis.....		2						
Amblyopia.....		2	3	4	1			
Color blindness.....								
Glaucoma.....								
Keratitis.....				1				1
Nystagmus.....		2		1	1			
Eye-enucleation of.....								
Other diseases of the eye.....		2	1	3			1	
VIII. Diseases of the ear:								
Defective hearing.....		3	4	6		5		1
Otitis media.....	1	25	12	24	4	26	6	8
Perforated eardrum.....				1		5	2	
Other diseases of the ear.....			1		1	4		

# PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 413

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

[Absolute numbers.]

No.											
Cities.											
	1	2	1	6	1	1	3	4	17	1	1
	2			6	7	1	1	35	25	28	6
				1					1	1	
								1			
				3				8	6	5	
1				5	2		1	15	4	7	1
								1	1	1	
				3				4	1	1	
1		1		3			1	45	10	4	
	3		1	3	2		1	7	3	12	1
	1			3				3	2	6	
					3			4		3	
								3	2	2	
								1	1	2	
				2				2	1		
								2	1		
	1	2	3	18	10		3	32	18	34	2
					1		1	1		2	
				4	1		1	8	7	7	
		3	7	18	26	1	9	26	32	23	12
			1		1			5	6	9	
1					2		1	9	11	7	
				1				1	1	1	
					2			4	1	2	
								3	1		
					2		1	1			
								9	6	8	
2	9	2	10	75	32		8	616	106	146	9
				1				5	3	6	3
			3	12	10			50	17	25	
				1				8	1	1	
				4	2			12	5	13	
				1							
				3	2			5	1	1	
1				1	1	1	3	18	2	2	
					1			2	2	1	
				2	1		1	10		2	1
								1			
				3	3			3	4	5	
		1	1	7	11			15	8	5	
	5		3	47	36		2	227	36	62	
1			1	2	1			1	2	1	
				1				1		1	

# 414 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
[Absolute numbers.]

Rejections, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....			5		1			
II. Tuberculosis, pulmonary.....		7	65	28	4	54	3	5
Tuberculosis, all other.....		2	6			2	2	
III. Venereal diseases:								
Chancroid.....			1	1		1		
Gonococcus infection.....	1	3	12	3		2		
Syphilis, all.....		1	82	21	9	50		1
IV. General diseases:								
Tumors, benign.....			2					
Carcinoma.....						1		
Obesity.....			5					
Cretinism.....								
Goiter, simple.....	2	8	19	4		2		1
Exophthalmic goiter.....		4	14	11				3
Diabetes mellitus.....								
Alcoholism, chronic.....			1	2				
Drug addiction.....			9	1		10	2	
Arthritis.....		1	12	8		2		1
Poisoning, chronic.....								
Other general diseases.....			1	1	2	10	1	
V. Nervous diseases:								
Speech, defective.....	1		4					1
Neurasthenia.....			6	3				
Neuritis.....		1	1	1		2		
Multiple sclerosis.....			1			1		1
Paralysis of muscle.....		1	3	1		1		
Paralysis of nerve.....								
Epilepsy.....		5	23	7	1	8	1	3
Jacksonian epilepsy.....								
Hysteria.....			1	2		2		
Tabes dorsalis.....		1	2	1	1	1		
Other diseases of nervous system.....		2	12	4			1	1
VI. Mental diseases:								
Mental deficiency.....	1	17	33	25	1	28	3	1
Dementia praecox.....		1	6	4	1	6		
Constitutional psychopathic states.....		1	6	4	1	1		
Psychasthenia.....			2					
Psychoneuroses.....		1	3			4	2	1
Psychoses, alcoholic.....		1	1					
General paralysis of insane.....			1	1		1		
Psychoses, other.....			12	4		2		1
VII. Diseases of the eye:								
Defective vision, cause not stated.....	5	24	108	68	8	39	6	11
Strabismus.....		1	2	3	1	5		
Myopia.....		2	13	3				1
Hyperopia.....			1	1		1		
Astigmatism.....		3	2			2		
Leucoma.....			1			1		
Cataract.....		1	3	1		2		
Conjunctivitis, other.....			1					
Conjunctivitis, granular.....		3	2	2		11		
Ptergium.....								
Choroditis.....			2			2		
Retinitis.....			3			1		
Amblyopia.....		1	2	1		4		
Color blindness.....								
Glaucoma.....								
Keratitis.....								
Nystagmus.....			1	1				
Eye, enucleation of.....								
Other diseases of the eye.....		2		1		12		
VIII. Diseases of the ear:								
Defective hearing.....			9	5	1	4		
Otitis media.....		8	49	22	4	26	2	3
Perforated ear drum.....					1	1		
Other diseases of the ear.....			3					



and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

[Absolute numbers.]

Pennsylvania.			Rhode Island.		South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.	
Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
7	29	1	23	1	5	4		1	1		1	1	10	9
1	3	58		5	1	81		19	15		35	122		
		2		1		6		1			1	4		
		1				3		1	1					
2	3	2	3	5	3	3				2	8	6		1
	6	16	18	1	8	8			6		9	58	2	2
					7	31								
		1	1									1		
1		1										1		
1	2					2				2	1			4
1	5	6			2	1		2	2	1	2			3
		1												
	1		1	1							1			
	2		1		2	1			3		2	1	1	
	1	6	1	1		6			1		1	6	2	3
1	1	3		5		3			2			4	1	
1	1	1			1	3								1
1	1		1						1	1		2	1	
												1		
1		1				1						1		1
		1												
2	1								1					
	8	11	1	2	2	17			1	4	3	14		
												1		
		1				4						4		
		2	3						2					
	3	2				4			1	1		14		1
1	19	24	9	12	8	80		8	2	23	3	18		2
	2	11			2	4			1	1	1	7	1	
2	2	2	1					1	2	1	1	2		2
		1							2			4		
	1	2				6		1	1	2				
				1						1				
1	2	2				2				1	3	7	1	
12	65	118	22	10	3	42	1	8		19	9	46	11	22
	1	1	1			4						6		
	9	6	3	2		2				1	5	5		
	3	4	1						1	1	1	2		
	2	6	1	1	1	1						1		
	1	2										3		
	3	4	1			4				1	3	6		1
						1								
				2	2	4				3	2	14		1
		1				1						1		
	2	2				1					3	5		
												2		
	9	7			1	1				4		8		
	1	1	1			1								
		1									1			
											1	1		
	2	5				1		1	4	1	3	8		
1	3	5	1	1		4		1	1	2	4	8	2	2
9	12	19	4			5		2	3	2	7	18	8	10
		1				2				1		2	1	
		2	1			4						1	1	

# 416 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
[Absolute numbers.]

Rejections, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		6				2
II. Tuberculosis, pulmonary.....	5	8	17	38	37	25
Tuberculosis, all other.....		1		2		3
III. Venereal diseases:						
Chancroid.....					1	1
Gonococcus infection.....	2	1		2		2
Syphilis, all.....	2			4	8	6
IV. General diseases:						
Tumors, benign.....						
Carcinoma.....						
Obesity.....				1		
Cretinism.....						
Goiter, simple.....		1			20	15
Exophthalmic goiter.....				1	15	9
Diabetes mellitus.....						
Alcoholism, chronic.....		1				
Drug addiction.....			1		4	
Arthritis.....				4	1	3
Poisoning, chronic.....						
Other general diseases.....				4		3
V. Nervous diseases:						
Speech, defective.....					2	1
Neurasthenia.....		1			1	
Neuritis.....					1	
Multiple sclerosis.....				1	1	
Paralysis of muscle.....					1	
Paralysis of nerve.....				1	1	
Epilepsy.....	1	1	2	6	2	1
Jacksonian epilepsy.....			1			
Hysteria.....				1		
Tabes dorsalis.....						
Other diseases of nervous system.....		1	1		2	3
VI. Mental diseases:						
Mental deficiency.....		2	2	11	4	6
Dementia praecox.....				4		3
Constitutional psychopathic states.....		2	1	1	1	2
Psychasthenia.....					1	
Psychoneuroses.....						
Psychoses, alcoholic.....						
General paralysis of insane.....						
Psychoses, other.....						3
VII. Diseases of the eye:						
Defective vision, cause not stated.....	3	17	7	39	41	51
Strabismus.....				4	2	1
Myopia.....			3	8	2	
Hyperopia.....		1		1		
Astigmatism.....		2		1		
Leucoma.....			1	2		
Cataract.....			2	2		
Conjunctivitis, other.....				1		
Conjunctivitis, granular.....				1		3
Pterygium.....						
Choroiditis.....			2	1		
Retinitis.....						
Amblyopia.....			2	9		
Color blindness.....						
Glaucoma.....						
Keratitis.....			1	1		
Nystagmus.....						
Eye, enucleation of.....						
Other diseases of the eye.....			2	6	1	
VIII. Diseases of the ear:						
Defective hearing.....	1	1		3	4	2
Otitis media.....				2	13	16
Perforated eardrum.....					3	1
Other diseases of the ear.....				1		1

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 417

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued. (Absolute numbers.)

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
			2			22	41	63
	31	18	21		11	1,228	2,388	3,616
		2	1		2	64	123	187
						12	13	25
2			1			161	178	339
	4	4	3		1	575	634	1,209
			1			6	8	14
						1		1
			2			13	10	23
							2	2
		1	3			100	122	222
	3	6	8		1	133	182	315
		1				2	7	9
						43	20	63
	1		1	1		148	43	191
		2	5			107	201	308
						1		1
	1		1			58	91	149
	1	1	3			32	49	81
			2			32	43	75
		2				14	16	30
	1					14	27	41
						25	32	57
						10	15	25
	3	5	7			258	449	707
						3	3	6
		1				13	42	55
						26	18	44
	2	4	5		1	82	145	227
1	10	16	52			443	1,337	1,770
	2		4			76	135	211
1	1	1		1		74	107	181
						13	16	29
						49	75	124
						8	6	14
						7	18	25
	1		2			62	88	150
5	30	40	64	2	18	2,359	2,430	4,789
1	6	2	1			44	83	127
1	4	13	6			205	186	391
	2	4	1			43	41	84
		6	1			72	83	156
1						7	9	16
	1	5	2			33	57	90
	1			1		6	22	28
	2	1				59	271	330
		1				3	11	14
	1	1				20	27	47
						5	8	13
	2	2	1			61	77	138
							3	3
			1			3		3
						5	10	15
	3					8	39	47
						3	1	4
1	3	2	3		1	54	120	174
		3	1		1	123	175	298
	10	9	13		3	813	686	1,499
						31	35	66
		1				15	21	36

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
(Absolute numbers.)

Rejections, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.		California.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
IX. Diseases of the nose:										
Nose, external deformity of.									1	
Deviation of nasal septum.										
Polypus nasal.										
Rhinitis hypertrophic.										
Sinusitis.										
Other diseases of the nasal fossae.		2				2	1	1	2	1
X. Diseases of the throat:										
Tonsillitis, hypertrophic.									1	
Other diseases of the pharynx.		1							1	1
Other diseases of the larynx.									1	
XI. Circulatory system:										
Endocarditis, acute, chronic.		3			1	1	2	14	10	9
Valvular heart disease—										
Tricuspid lesions.										
Mitral insufficiency.	10	58			2	9	6	39	109	9
Mitral stenosis.	8	30			3	5		6	15	10
Aortic insufficiency.		3						8	3	2
Aortic stenosis.		1						3	6	2
Combined lesions, aortic and mitral.									2	2
Pulmonic lesions.										
Unclassified.		1				1	2	4	9	3
Myocarditis.	1	8					1	2	4	
Myocardial insufficiency.										
Pericarditis.										
Heart block.										
Cardiac hypertrophy.	1	2					2	4		4
Cardiac dilatation.									1	1
Cardiac arrhythmias.									1	1
Tachycardia.	1	11						9	4	1
Bradycardia.										
Hemorrhoids.	1				1				7	11
Varicose veins.	1	5				1		3	32	11
Varicocele.		1					2	2	3	2
Other diseases of the circulatory system.	3					1		1	2	2
XII. Respiratory system:										
Asthma.	1	18			2	1		11	16	7
Bronchitis.	2							1	3	3
Pleurisy, fibrinous.								1	1	
Other diseases of the respiratory system.		2			1	1		5	14	11
XIII. Digestive system:										
Defective or deficient teeth.	9	25			1	2	2	8	79	84
Dental caries.									1	
Gastro-enteroptosis.										
Appendicitis.										
Inguinal rings, enlargement of.										
Hernia.	13	34			2	3	4	27	169	163
Fistula in ano.	1	2						1	8	3
Other diseases of digestive system.	1	2				1		1	8	4
XIV. Genito-urinary system (nonvenereal):										
Nephritis, acute, chronic.							1		2	1
Nephroptosis.										
Hydrocele.								1	2	1
Other diseases of the genito-urinary system (nonvenereal).		6				1		1	9	10
XV. Diseases of the skin:										
Bromidrosis.										
Raynaud's disease.										
Large scar of face.										
Abdominal scar.									2	5
Other diseases of the skin.	1	10				1		4	14	16
XVI. Bones and organs of locomotion:										
Osteitis deformans.										
Ankylosis, bony, of joint.	2	6			2	2	1	3	12	18

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 419

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
											1		
	1	1						1					
											1	1	
			1	1				1			3	2	2
5	9	33	29	1	1	8		7	16	11	76	1	20
3	16	11	8	2	1			5	9	4	19	1	4
1	3	3	1		1			1	2	1	8		
			2										
					1								
		6	3	1				1	1		16		
									1	6			1
1		3	7	1	1				4	1	1		
	1	2									1		
		2											
		3	5					4	2	1	6		
		6	4		1			1	1				
		12	6						2		4		4
		1	1	1				1			1		1
	1		1		1					4	4		
2	3	9	5	2				4	7		6		1
		1	1					4	2		2		
			1			1							1
	1	7	1					1	2		4		2
	3	56	56	9	1	5		7	22	26	155	1	13
		1						1					
				1									
1	4	33	35	5	2	4		10	10	1	12		22
		1						2	1	2	3		
	1	6	4					2	2	1	2	1	1
		1	3						2		1		
		2	1						1				
	1	5	6					5	4	2	4		3
										1			
	1	1						1	1				1
	1	9	5	2	1			1	10	2	7		2
	1	7	5					3	2	2	5		3

## 420 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—*Men rejected at mobilization camp, showing men who came from cities approximately the first million*  
(Absolute numbers.)

Rejections, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>									
Nose, external deformity of.....					1				
Deviation of nasal septum.....									
Polypus nasal.....				1					
Rhinitis hypertrophic.....			1				1		1
Sinusitis.....									
Other diseases of the nasal fossæ.....	1	2	3		2				
<b>X. Diseases of the throat:</b>									
Tonsillitis, hypertrophic.....	2				1		1		
Other diseases of the pharynx.....			1						
Other diseases of the larynx.....	1				1				
<b>XI. Circulatory system:</b>									
Endocarditis, acute, chronic.....	5	3	4	2	2		4		1
Valvular heart disease—									
Tricuspid lesions.....			1						
Mitral insufficiency.....	26	37	39	12	35	10	52	3	3
Mitral stenosis.....	5	18	22	1	9	3	29	8	2
Aortic insufficiency.....	4	7	5	2	1	3	1		5
Aortic stenosis.....	1		4		3		1		2
Combined lesions, aortic and mitral.....		1	1				1		
Pulmonic lesions.....									
Unclassified.....	3	6	7		5				2
Myocarditis.....	4	2	5	2	1	1	1		1
Myocardial insufficiency.....									
Pericarditis.....									
Heart block.....		3					1		
Cardiac hypertrophy.....	1	5	6	1	5		3	1	1
Cardiac dilatation.....	1	1							
Cardiac arrhythmias.....	1	1	1						
Tachycardia.....	7	2	6	3	3		3	1	1
Bradycardia.....									
Hemorrhoids.....	3		3		4		1		
Varicose veins.....	14	7	9	2	7		4	2	4
Varicocele.....	6	1	3	1	5				
Other diseases of the circulatory system.....		1	5		3		3		1
<b>XII. Respiratory system:</b>									
Asthma.....	7	10	14	3	6	4	11		6
Bronchitis.....	1		4				1		
Pleurisy, fibrinous.....	2						1		
Other diseases of the respiratory system.....	4	2	6				4	1	2
<b>XIII. Digestive system:</b>									
Defective or deficient teeth.....	74	29	28	10	31		6		3
Dental caries.....									
Gastro-enteroptosis.....									
Appendicitis.....			1				1		
Hernia.....	48	48	74	25	55	7	28	3	15
Inguinal rings, enlargement of.....									
Fistula in ano.....	2	2	5		1		3		
Other diseases of digestive system.....	5	2	5	1	3		13	1	1
<b>XIV. Genito-urinary system (nonvenereal):</b>									
Nephritis, acute and chronic.....	2	2			2		1		
Nephroptosis.....									
Hydrocele.....	1	2			1				
Other diseases of the genito-urinary system (nonvenereal).....	4	5	7	2	4	2	7	1	1
<b>XV. Diseases of the skin:</b>									
Bromidrosis.....									
Raynaud's disease.....									
Large scar of face.....									
Abdominal scar.....	2		2	1					
Other diseases of the skin.....	11	3	12		1	2	8	1	2
<b>XVI. Bones and organs of locomotion:</b>									
Osteitis deformans.....									
Ankylosis, bony, of joint.....	1	2	7	3	4		5		1

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

Kentucky.		Louisiana.		Maine.		Maryland.		Massachussetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
											1	1		
											2	1		
	2										1			1
	1				2			2	1		1	1	1	
									1					
	2													
												1	1	
		6	13		1			1	3	1	3	6	1	1
												1		
6	28	8	29	5	10	1		19	29	61	175	204	25	40
1	7	4	8		2	1		7	7	10	169	174	11	16
2	2	2	4					2	3	3	19	15	3	1
	2	2	3		1					2		3		2
								2		1	2			
	2	1	2	2	3			3	4	1	2	1	3	1
	3		4						1		5	6		2
												1		
												1		
	4		4		3			5	4	7	1	11	3	3
1	1							1	1	1	4	1		1
	1								1	2	1			1
2	1	1	6		2			1	5	9	14	9	1	2
			1											
	5	2	3		1			3	1	3	5	5	1	1
	4		2	2	7		1	9	10	13	13	6	10	5
	1	1	2		1	1			4	7	4	3		1
	3		3			1			3	1	9	3	1	
	8	9	26		2	1		9	9	13	13	14	3	2
1	5	1			2			3	2	4	6	5		
										1	4	1		
	2				4			1	1	4	5	5	2	2
6	47	11	26	1	44	6	1	52	152	260	142	146	33	23
											1			1
											1			
17	48	12	25		15	3	3	36	42	90	178	166	22	20
								1		1		2		
					2			1		4	4		1	
	9		2		3			6	3	9	10	6	2	2
1	2		1					3		4		1	4	2
						1		2		1	3	1		
	2	2	6		2			4	4	8	2	5	1	4
														1
													1	
													1	
3	12	1	9		4	1	1	6	5	10	2	11	4	2
											14			1
	2	2	9					3	2	4	10	7	4	3

## 422 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
(Absolute numbers.)

Rejections, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>								
Nose, external deformity of.....								
Deviation of nasal septum.....								
Polypus, nasal.....								
Rhinitis, hypertrophic.....								
Sinusitis.....								
Other diseases of the nasal fossae.....								
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.....			1				1	
Other diseases of the pharynx.....				1			1	
Other diseases of the larynx.....		1						
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.....	1	7		3		5		2
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....	2	53	7	63	19	51	14	2
Mitral stenosis.....	2	32	24	45		10	10	19
Aortic insufficiency.....		3	5	9	2	3	2	4
Aortic stenosis.....		3				2		
Combined lesions, aortic and mitral.....		1		1				
Pulmonic lesions.....		2				1		
Unclassified.....		2	2	2		3		2
Myocarditis.....		4		2		2		
Myocardial insufficiency.....						1		
Pericarditis.....		1						
Heart block.....				1				
Cardiac hypertrophy.....	1	6	1	6			2	
Cardiac dilatation.....		1	1					
Cardiac arrhythmias.....	1		2					
Tachycardia.....	1	9	6	1		3	1	3
Bradycardia.....		1						
Hemorrhoids.....					1	3		
Varicose veins.....		9	1	4	4	11	1	
Varicocele.....	1	4				1		
Other diseases of the circulatory system.....		1			1	4		
<b>XII. Respiratory system:</b>								
Asthma.....	1	3	4	7		6	1	4
Bronchitis.....		1	1	1		2		
Pleurisy, fibrinous.....		3	1					
Other diseases of the respiratory system.....		3	1	5	2	11	1	3
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.....		21	2	1	19	54	3	4
Dental caries.....				1				
Gastro-enteroptosis.....								
Appendicitis.....		1		1				
Hernia.....	2	18	9	16	25	63	1	9
Inguinal rings, enlargement of....								1
Fistula in ano.....			1	2		1		1
Other diseases of digestive system.....		2	2	2	1	1	1	
<b>XIV. Genito-urinary system(nonvenereal):</b>								
Nephritis, acute and chronic.....			2	2			1	
Nephroptosis.....		2						
Hydrocele.....			2	1		1		
Other diseases of the genito system (nonvenereal).....			4	5		4		1
<b>XV. Diseases of the skin:</b>								
Bromidrosis.....					1			
Reynaud's disease.....								
Large scar of face.....								
Abdominal scar.....		1	1			1	1	1
Other diseases of the skin.....	1	5	7	6	2	5	2	1
<b>XVI. Bones and organs of locomotion:</b>								
Osteitis deformans.....							1	
Ankylosis, bony, of joint.....		3		1	5	7		



and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

				1				1					
						1			1				
										1			1
						1				1			
			1	2	2			15	9	9			1
2	6	2	11	38	19		5	67	21	49	3		49
			1	9	7	2	6	21	6	12	2		33
		1	1	8	4		1	9	4	8	1		8
				1			1	2	1	2			2
				1	1			1	1				
				1						3			
			3	4	4			13	5	6	1		1
					2			8	6	6			2
					1								
								2		1			
1	1		3	8	5			7	2	11	1		10
				1				6	2	2			
			1					2		1			
				2				4	3	7			5
							1	8	2	3			4
	1	1	3	6	1	1	1	38	4	14	1		8
								4	1	2	1		3
	1				4			3	7	6	1		6
		1	1	7	2			6	7	17	1		14
					3					2			
				1				2	1	2			
1	2	1		3	1			7		9	1		8
1	4	5	23	234	178	1		85	186	321	8		39
				1				1					
7	7		9	43	11		1	249	47	95			43
				2	1			1	1	5			1
				1	1			6	1	1			3
1	1			1	3		1	14	8	9	2		8
				1									
								3	3	4			1
				1	1								
								3	2	2			1
1	1	1	2		5		1	7	6	3	1		13
				2	1	1	1	2	1	2			
	1		2	1	3			10	11	11	3		26
1													
	2		3	2	1			4	4	7	1		7

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TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
(Absolute numbers.)

Rejections, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>								
Nose, external, deformity of.....								
Deviation of nasal septum.....								
Polypus nasal.....								
Rhinitis hypertrophic.....			1					
Sinusitis.....								
Other diseases of the nasal fossae..			1	2		5		
<b>X. Diseases of the throat:</b>								
Tonsillitis, hypertrophic.....						2		
Other diseases of the pharynx.....			1			5		
Other diseases of the larynx.....								
<b>XI. Circulatory system:</b>								
Endocarditis, acute, chronic.....		2	18	5		2	2	
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....	3	14	67	38	2	32	5	4
Mitral stenosis.....	1	6	23	17	1	14		1
Aortic insufficiency.....			6	8	1	5		
Aortic stenosis.....		1	1	1		1	1	
Combined lesions, aortic and mitral.....					1	1		
Pulmonic lesions.....			2					
Unclassified.....			3	1		1		1
Myocarditis.....	1		3	4	1	2		
Myocardial insufficiency.....								
Pericarditis.....								
Heart block.....						2		
Cardiac hypertrophy.....			3	2	1	2	1	
Cardiac dilatation.....				1				
Cardiac arrhythmias.....								
Tachycardia.....			16	11				
Bradycardia.....								
Hemorrhoids.....			4	1		1		
Varicose veins.....		2	24	18	2	5	1	1
Varicocele.....			3					
Other diseases of the circulatory system.....			3	3	2	4		
<b>XII. Respiratory system:</b>								
Asthma.....		5	7	3		2	1	1
Bronchitis.....			9	7		1		
Pleurosy, fibrinous.....				1				1
Other diseases of the respiratory system.....			3	8				
<b>XIII. Digestive system:</b>								
Defective or deficient teeth.....		2	42	28	3	8		4
Dental caries.....						1		
Gastro-enteroptosis.....								
Appendicitis.....				2				
Hernia.....	1	20	85	43	7	37	3	5
Inguinal rings, enlargement of....			3	1		1		
Fistula in ano.....			2	2	1	6		
Other diseases of digestive system.....		1	10	2	1	6	1	
<b>XIV. Genito-urinary system (nonvenereal):</b>								
Nephritis, acute, chronic.....						2		
Nephroptosis.....								
Hydrocele.....						2		
Other diseases of the genito system (nonvenereal).....		6	11	11	1	13		1
<b>XV. Diseases of the skin:</b>								
Bromidrosis.....								
Raynaud's disease.....							1	
Large scar of face.....								
Abdominal scar.....			1			1		
Other diseases of the skin.....		2	17	9	1	7		
<b>XVI. Bones and organs of locomotion:</b>								
Osteitis deformans.....			1					
Ankylosis, bony, of joint.....	1		16	9		1		

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

Pennsylvania.			Rhode Island.		South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.	
Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
		1												
		2				1		1				5		
		2												
1	1	5	1			1				2		1	2	2
15	75	93	5	2	5	31	1	10	1	8	13	28	12	25
1	13	20	3	4	6	24	1	7	2	2	2	12	1	3
	3	5	3	1	1	5		2			2	3		
1		1		1							1			
		1	1			1		1						1
		3	4	2		1		1	3	2		1		
	1	6							2					
	11	7	3	2	3	15			1	1	2	5		
		1	1			2						1		
2	3	5		1	2	7		3			1	4		
												1		
		4	1	1	1	6					1	10		
	3	8		2	1	7			2	2	3	10	3	4
	1	1	2			2			1	1			2	1
1	1	5		1	1	4			4	1	2	3	2	1
	2	17		1		9			1	2	2	11	4	
		2		1				1		1		1		
2						1		1			1			
1		4		1	2	4		1			1	3	2	2
7	14	44	35	19	5	25		2	7	19	9	28	8	14
						1								
3	18	32	9	12	5	48	1	3	14	8	17	74	2	28
	1					1								
1	1	8	2	1	1	7		1			2	7		
				2	1	3			16		3	4		1
1	2											2		
						1						2		
1	3	4	2	1		17			2	1	3	4	1	2
	2	6			2	3			1	3	1	1		2
						15						14		3
		1		1										
	4	3	3	1		4					1	6		3

# 426 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—*Men rejected at mobilization camp, showing men who came from cities approximately the first million*  
(Absolute numbers.)

Rejections, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>IX. Diseases of the nose:</b>						
Nose, external deformity of.....						
Deviation of nasal septum.....						
Polypus nasal.....						
Rhinitis hypertrophic.....						
Sinusitis.....						
Other diseases of the nasal fossae.....					1	
<b>X. Diseases of the throat:</b>						
Tonsillitis, hypertrophic.....		1		1		
Other diseases of the pharynx.....		1		1		
Other diseases of the larynx.....						
<b>XI. Circulatory system:</b>						
Endocarditis, acute, chronic.....					5	3
Valvular heart disease—						
Tricuspid lesions.....						
Mitral insufficiency.....	3	6	10	24	52	38
Mitral stenosis.....		1	3	5	5	6
Aortic insufficiency.....				3	4	1
Aortic stenosis.....						
Combined lesions, aortic and mitral.....						
Pulmonic lesions.....						
Unclassified.....		1		2	2	
Myocarditis.....		1	1	1	1	
Myocardial insufficiency.....						
Pericarditis.....						
Heart block.....						
Cardiac hypertrophy.....		1		2	1	2
Cardiac dilatation.....						
Cardiac arrhythmias.....						
Tachycardia.....		1		3	1	1
Bradycardia.....						
Hemorrhoids.....			2	1	3	
Varicose veins.....		2	1	1	3	7
Varicocele.....	1	1				1
Other diseases of the circulatory system.....				1	2	1
<b>XII. Respiratory system:</b>						
Asthma.....		3		2	6	1
Bronchitis.....						
Pleurisy fibrinous.....						
Other diseases of the respiratory system.....		1		1	3	3
<b>XIII. Digestive system:</b>						
Defective or deficient teeth.....	6	21	1	12	38	26
Dental caries.....						
Gastro-enteroptosis.....						
Appendicitis.....						
Hernia.....	1	9	2	14	33	45
Inguinal rings, enlargement of.....				1		
Fistula in ano.....				1		1
Other diseases of digestive system.....		2		2	3	4
<b>XIV. Genito-urinary system (nonvenereal):</b>						
Nephritis, acute, chronic.....		1		1	3	1
Nephroposis.....						
Hydrocele.....		3				1
Other diseases of the genito system (non-venereal).....			1	1	2	2
<b>XV. Diseases of the skin:</b>						
Bromidrosis.....						
Raynaud's disease.....						
Large scar of face.....						
Abdominal scar.....					2	
Other diseases of the skin.....	1	1		3	7	6
<b>XVI. Bones and organs of locomotion:</b>						
Osteitis deformans.....				1		
Ankylosis, bony of joint.....			1	2	4	4

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUTS. 427

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
						1		1
						1	3	4
							1	1
						5		5
						2	11	13
		1				17	31	48
					1	6	11	17
						5	15	20
						3	3	6
	2	1	1		1	99	123	222
			1				4	4
5	27	39	27		6	1,062	1,623	2,685
1	6	33	23		1	459	727	1,186
	2	2	2			110	144	254
	1	1			1	18	48	66
						14	14	28
						4	10	14
						78	78	154
	5	1	1		1	46	88	134
						6	5	11
						3	3	6
						4	4	8
1	1	1	2			84	156	240
						20	12	32
					1	14	12	26
		1	2		1	94	144	238
							3	3
			2			54	80	134
		2	5		2	216	226	442
		2	2			45	50	95
	2	2	2			60	83	143
1	8	1	3			157	283	440
		1	2		2	37	57	94
			1		1	16	17	33
		1	1	2	1	71	130	201
	8	30	32	1	7	1,450	1,921	3,371
						4	2	6
						1	1	2
		1				5	10	15
	3	37	47	1	5	1,306	1,502	2,808
		1				11	16	27
						39	60	99
	1	2	3		1	120	138	258
	1							
						32	35	67
		1					3	3
						22	21	43
			3		3	95	186	281
						1	1	2
						3		3
							1	1
	1					20	27	47
	1	3	2		1	152	261	413
						3	3	6
	1	3	1			105	151	256

428 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
(Absolute numbers.)

Rejections, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.		California.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Continued.										
Ankylosis, fibrous, of joint...	4	10					3	6	34	28
Brusitis.....										
Tenosynovitis.....										
Relaxed ligaments of joint...									1	1
Joint, resection of.....										
Chronic dislocation (other than hand).....		2			1			2	2	4
Contracture of joint.....		2								2
Contracture of muscle, fascia, tendon, sheath. ....	1	2						3	1	
Bunion.....	2	2							2	3
Hammer toe.....	2	1			1			1	1	2
Ingrowing nail.....										
Contraction of plantar fascia.										1
Pes cavus.....									1	3
Pes planus.....	10	25			1	1	7	16	75	49
Pronated foot.....	8	15								
Loss of part of foot.....	1	7				1		2	6	6
Deformities of the foot cause or type not specified. ....	1	8			1			3	10	10
Ganglion.....										
Depressed fracture of skull...		3			2	1			2	4
Dupuytren's contraction of palmar fascia.....										
Deformities of hand, result old injury or infection....	2	13						3	19	27
Loss of one or more fingers...	2	10			1			5	14	10
Loss of part or whole of lower extremity.....		1							1	
Shortening of lower extremity.....	4	12				1		1	6	4
Loss of part or whole of upper extremity.....								1		
Malunion fracture of upper extremity.....	3	7						1	11	13
Malunion fracture of lower extremity.....	2	4				3	1	5	17	15
Malunion fracture other than extremity.....		1							1	1
Nonunion fracture of upper extremity.....	1								3	
Nonunion fracture of lower extremity.....										1
Recent operation wounds...									2	
Scar of head.....										1
Curvature of spine.....	3	7						2	22	12
Hernia of muscle.....										
Other diseases of bones and organs of locomotion .....	4	21			14	1	1	10	31	25
XVII. Malformation and ill-defined diseases:										
Defective physical development.....	3	17			1			2	43	35
Deficient chest measurement.....									6	4
Overweight.....		1							3	1
Underweight.....	16	51				1	2	13	243	122
Malnutrition.....										
Anorchism.....										
Monorchism.....										
Cryptorchidism.....							1		34	20
Hypospadia.....										2
Fistula, post operative.....										
Fistula, other.....	1								1	
Bullet or other recent wounds. ....	2	5						3	6	5
Ill-defined diseases.....		1						1	6	3
Disease or defect not specified.....		3							4	3
Under observation or undiagnosed.....		1						8	5	2
Total men rejected.....	230	821			42	112	71	655	1,847	1,450

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.		Idaho.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
.....	3	8	.....	2	.....	1	.....	1	3	3	16	.....	8
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	2	2	1	.....	.....	.....	.....	1	.....	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	2	.....	.....	.....	1	.....	.....	.....	2	.....	.....
.....	.....	2	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	1	55	60	6	3	1	.....	18	18	4	28	.....	6
.....	.....	2	2	.....	.....	.....	.....	4	8	.....	1	.....	.....
.....	1	3	1	.....	.....	.....	.....	.....	2	.....	7	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	4	.....	.....	.....	.....	.....	3	.....	2	8	1	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	1	.....	.....	.....	.....	.....	1	1	2	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	2	6	.....	.....	.....	.....	1	.....	3	18	.....	6
.....	.....	5	7	.....	.....	1	.....	1	.....	7	19	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	7	5	.....	.....	.....	1	2	1	12	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1	1	4	.....	.....	.....	.....	2	3	1	6	1	2
.....	3	10	4	.....	1	1	.....	2	2	3	9	1	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	1	6	2	.....	.....	2	.....	.....	2	.....	13	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	5	11	15	3	1	1	.....	6	5	3	21	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	5	5	1	.....	1	.....	4	5	8	27	1	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	5	15	.....	.....
1	.....	13	2	2	1	4	1	5	.....	49	209	2	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	7	4	.....	.....	.....	.....	1	.....	.....	1	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4	.....	.....
2	1	.....	3	.....	.....	.....	.....	.....	.....	2	5	.....	.....
.....	.....	2	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
.....	1	.....	2	.....	.....	.....	.....	.....	.....	2	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	159	656	559	66	28	44	3	200	319	224	1,141	21	258

## 430 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
(Absolute numbers.)

Rejections, disease or defect.	Illinois.			Indiana.		Iowa.		Kansas.	
	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion—Con.</b>									
Ankylosis, fibrous, of joint.....	5	7	11	3	4		5		1
Bursitis.....							1		
Tenosynovitis.....					1	1			1
Relaxed ligaments of joint.....									
Joint, resection of.....									
Chronic dislocation (other than hand).....	1	2	3		2		2	2	
Contracture of joint.....	1				1		1		2
Contracture of muscle, fascia, tendon, sheath.....									
Bunion.....	1	3	4	1		1	2		1
Hammer toe.....	1	2		1	4		1		
Ingrowing nail.....									
Contraction of plantar fascia.....									
Pes cavus.....	1	1	3			1			
Pes planus.....	67	28	57	18	17	4	36		6
Pronated foot.....			3	1					
Loss of part of foot.....	1	5	2	1	3		2		
Deformities of foot (cause or type not specified).....	8	2	7	1	1		2		1
Ganglion.....									
Depressed fracture of skull.....		1	2	2	3		5	2	
Dupuytren's contraction of palmar fascia.....			1						
Deformities of hand, result of old injury or infection.....		2	4				5		
Loss of one or more fingers.....	4	2	9	3	7		5		
Loss of part or whole of lower extremity.....		1	1				1		
Shortening of lower extremity.....	12	7	6	1	2		8		1
Loss of part or whole of upper extremity.....				1	1				
Malunion fracture of upper extremity.....	2	4	6				5	1	
Malunion fracture of lower extremity.....	6	11	13	3	7		9	2	5
Malunion fracture other than extremity.....		1			1		1		
Nonunion fracture of upper extremity.....				1					
Nonunion fracture of lower extremity.....			1						1
Recent operation wounds.....	1	1							
Scar of head.....									
Curvature of spine.....	8	2	11	1	2		3		
Hernia of muscle.....									
Other diseases of bones and organs of locomotion.....	5	5	23	15	7	4	22	2	3
<b>XVII. Malformation and ill-defined diseases:</b>									
Defective physical development.....	11	6	10	2	5		4		1
Deficient chest measurement.....									
Overweight.....	1	1	1		1				
Underweight.....	18	18	24	2	5		5		
Malnutrition.....									
Anorchism.....									
Cryptorchidism.....	2	1	4	1	2		1		
Monorchism.....									
Hypospadia.....									
Fistula, post operative.....									
Fistula, other.....	2	1	2		1				
Bullet or other recent wounds.....	2		6	2	3		3		1
Ill-defined diseases.....		2	3	1	3		1		
Disease or defect not specified.....	6	8	5	1	3	1	2	1	1
Under observation or undiagnosed.....	4	2	6		2				
<b>Total men rejected.....</b>	<b>797</b>	<b>593</b>	<b>1,010</b>	<b>279</b>	<b>552</b>	<b>88</b>	<b>713</b>	<b>64</b>	<b>315</b>





## 432 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
(Absolute numbers.)

Rejections, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion—</b>								
Continued.								
Ankylosis, fibrous, of joint.....		7	2	5		11	1	2
Bursitis.....								
Tenosynovitis.....								
Relaxed ligaments of joint.....						1		
Joint, resection of.....								
Chronic dislocation (other than hand).....		2	1	2		1	1	
Contracture of joint.....		1				1		
Contracture of muscle, fascia, tendon, sheath.....							1	
Bunion.....		1			1			
Hammer toe.....			1	1				
Ingrowing nail.....						1		
Contraction of plantar fascia.....								
Pes cavus.....			1	1		1		
Pes planus.....	1	9	10	6	6	22	1	
Pronated foot.....		1						
Loss of part of foot.....		1	1	2	2	3		1
Deformities of foot (cause or type not specified).....		3	2	2	2	10		1
Ganglion.....								
Depressed fracture of skull.....		1			1	1		
Dupuytren's contraction of palmar fascia.....								
Deformities of hand, result of old injury or infection.....	1	2	3		2	19	1	2
Loss of one or more fingers.....		6		2		8		
Loss of part or whole of lower extremity.....								
Shortening of lower extremity.....		2	1	3			1	
Loss of part or whole of upper extremity.....								
Malunion fracture of upper extremity.....		4	2	4	2	6	1	1
Malunion fracture of lower extremity.....		10	7	2	3	22	1	1
Malunion fracture other than extremity.....			2	1		1	1	
Nonunion fracture of upper extremity.....								
Nonunion fracture of lower extremity.....								
Recent operation wounds.....		1		1	1	2		
Scar of head.....								
Curvature of spine.....	1	2	2	3	3	7	2	2
Hernia of muscle.....								
Other diseases of bones and organs of locomotion.....	1	8	7	7		13	2	2
<b>XVII. Malformation and ill-defined diseases:</b>								
Defective physical development..	1	5	2	5	2	13	3	1
Deficient chest measurement.....								
Overweight.....				1				
Underweight.....		9	4	1	10	45	1	2
Malnutrition.....								
Anorchism.....				1				
Monorchism.....								
Cryptorchidism.....		3			4	11		1
Hypospadia.....	1							
Fistula, post operative.....								
Fistula, other.....		1						
Bullet or other recent wounds.....		3			1	3		
Ill-defined diseases.....		1						
Disease or defect not specified.....		1		3	1	1	1	1
Under observation or undiagnosed.....		4	1				1	1
<b>Total men rejected.....</b>	<b>41</b>	<b>645</b>	<b>426</b>	<b>647</b>	<b>179</b>	<b>703</b>	<b>133</b>	<b>204</b>

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 433

and densely populated counties in comparison with those from rural districts, covering  
men sent to camp—Continued. (Absolute numbers.)

Nevada.		New Hamp- shire.		New Jersey.		New Mexico.		New York.			North Caro- lina.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	New York City.	Other cities.	Rural districts.	Cities.	Rural districts.
	2		1	3	4		1	13	10	11		23
								1				
					1		1					2
								1				
				1	2			1		4		9
	2							1		1		
				1						1		8
	1			2	1		1	2	5	2	2	3
								1	5	3	1	2
	1						1			1		2
1	5	7	17	54	42			49	75	102	4	66
			1		1			2	2	1	2	59
			2	3				4	4	2		4
	1		1	6	1		1	7	6	8		9
				3				8	3	5		3
									1			
	4		1	4	2			5	3	12		6
	2	2	4	4	7			6	10	9	2	4
	2		3	2	5			1				1
								8	8	9		8
				1					1			
1				4	6	1	1	5	4	13	2	7
		2	4	6	6			7	14	23	2	18
							1	2		5		2
												1
										1		1
	1		5	1	4		1	1				1
	1							8	1	9		15
	2		3	3	13	1		29	19	40	4	35
	2	1	1	10	4	3	6	22	9	16	1	17
					1			5	1	4	1	2
3	8	1	4	25	12	1	1	67	20	38	2	5
							1			1		
								1		1		
				2	6		1	8	3	3		
					1			1	1	1	1	
				2				1		4	1	5
					1			4	1	34		3
			1	1	3		2	5	3	1		5
				2	1			8		2		
25	87	41	158	815	591	21	99	2, 214	956	1, 530	105	1, 181

434    PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUTS.

TABLE XX.—*Men rejected at mobilization camp, showing men who came from cities approximately the first million*  
(Absolute numbers.)

Rejections, disease or defect.	North Dakota.		Ohio.		Oklahoma.		Oregon.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Con.								
Ankylosis, fibrous, of joint.....	1		25	10	1	14		3
Bursitis.....						1		
Tenosynovitis.....								
Relaxed ligaments of joint.....			3		1	1		
Joint, resection of.....								
Chronic dislocation (other than hand).....	1	1	2	2	1	3		1
Contracture of joint.....			1	2	1	1		
Contracture of muscle, fascia, tendon, sheath.....			1					
Bunion.....		1	3	4				
Hammer toe.....		2				1		
Ingrowing nail.....								
Contraction of plantar fascia.....								
Pes cavus.....			7	2				
Pes planus.....		4	84	40	2	16	1	7
Pronated foot.....			1					
Loss of part of foot.....		1	6	4		2	1	
Deformities of the foot, cause or type not specified.....		1	8	4		6		
Ganglion.....								
Depressed fracture of skull.....		2	6			1	1	1
Dupuytren's contraction of palmar fascia.....								
Deformities of hand, result of old injury or infection.....		1	5	5	1	3		2
Loss of one or more fingers.....		1	20	10	1	11	1	
Loss of part or whole of lower extremity.....			1	1				
Shortening of lower extremity.....			11	5		5	1	2
Loss of part or whole of upper extremity.....								
Malunion fracture of upper extremity.....		1	11	6		4	1	2
Malunion fracture of lower extremity.....		3	25	13		11		3
Malunion fracture other than extremity.....						2		
Nonunion fracture of upper extremity.....			1					
Nonunion fracture of lower extremity.....				1				
Recent operation wounds.....			1					
Scar of head.....								
Curvature of spine.....		1	15	6		1	1	
Hernia of muscle.....			1					
Other diseases of bones and organs of locomotion.....		4	33	11	2			2
XVII. Malformation and ill-defined diseases:								
Defective physical development.....			9	4	1	2	2	2
Deficient chest measurement.....			1					
Overweight.....		1	3	4				
Underweight.....		1	36	13	1	5	4	8
Malnutrition.....								
Anorchism.....								
Monorchism.....								
Cryptorchidism.....		1	3	4	1	5		1
Hypospadias.....								
Fistula, post operative.....								
Fistula, other.....						3		
Bullet or other recent wounds.....		1	3	2		2		1
Ill-defined diseases.....						1		
Disease or defect not specified.....		1	9	3		1		
Under observation or undiagnosed.....		1	2	1		3		
Total men rejected.....	19	187	1,277	640	73	580	32	95

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 435

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

Pennsylvania.			Rhode Island.		South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.	
Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
	3	20	4			11				4	1	13	2	8
			1											1
		1		1								3		1
		3	1	1	1	4					1	3		1
1									1				1	
						2				1		2		1
		3	1			3			1	1	1	1		
		1	1									3		
		2				1					1			
5	12	33	13	15	8	27			8	12	6	13	5	7
	4	2			1	28			7	18				
		3	1			2			1			2		2
		2	1		1	2		1	1	4	1	3	4	1
1	1	3				2						1	1	2
	3	2	1			4				2	1	3	2	1
1	5	11		1	1	3			2	2	2	6		1
	1													
	5	6	1		2	8		1		2	3	9	2	1
												1		
1	1	3	2	1		4				3	1	2	3	2
	6	7		2	1	7			2	2	4	9	4	3
	1	2							1					1
						1						1		
1	4	13	1	1	2	5		1	1	4		6	1	1
2	8	20	2		2	21			6	10	4	22	2	8
	2	3	2	2	3	8			5	9	2	15	3	3
	1		1	1		1			1	2	2	3		
5	3	7	9	2		2			17	28	8	13	9	11
	1					1								
		4	1		1	5						13		8
						3							1	1
												1		
		8				1					1	2		
	1	1	2		2	2				2	1	2	1	
1		4	1			1				3	2	1	1	1
1	1	1	1			1				1	1	2		
100	428	795	222	135	104	757	4	83	165	264	224	822	123	223

# 436 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XX.—Men rejected at mobilization camp, showing men who came from cities approximately the first million  
(Absolute numbers.)

Rejections, disease or defect.	Vermont.		Virginia.		Washington.	
	Cities	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
<b>XVI. Bones and organs of locomotion—Continued.</b>						
Ankylosis, fibrous, of joint.....		3		1	10	16
Bursitis.....						
Tenosynovitis.....						
Relaxed ligaments of joint.....						1
Joint, resection of.....						
Chronic dislocation (other than hand).....						1
Contracture of joint.....						
Contracture of muscle, fascia, tendon sheath.....						
Bunion.....			1		1	1
Hammer toe.....				1		
Ingrowing nail.....						
Contraction of plantar fascia.....						
Pes cavus.....					2	1
Pes planus.....	3	12		14	17	9
Pronated foot.....			1	1		
Loss of part of foot.....			1	1	2	
Deformities of the foot, cause or type not specified.....		1		3	1	
Ganglion.....						
Depressed fracture of skull.....				1		
Dupuytren's contraction of palmar fascia.....						
Deformities of hand, result of old injury or infection.....				2	7	12
Loss of one or more fingers.....	1		2	3	10	12
Loss of part or whole of lower extremity.....						
Shortening of lower extremity.....		1	1	1	2	
Loss of part or whole of upper extremity.....						
Malunion fracture of upper extremity.....				2	7	4
Malunion fracture of lower extremity.....	1	1	3	5	6	4
Malunion fracture other than extremity.....					3	1
Nonunion fracture of upper extremity.....		1				
Nonunion fracture of lower extremity.....						1
Recent operation wounds.....					3	1
Scar of head.....						
Curvature of spine.....		1	1	3	5	5
Hernia of muscle.....						
Other diseases of bones and organs of locomotion.....			4	4	1	13
<b>XVII. Malformation and ill-defined diseases:</b>						
Defective physical development.....		3		2	9	4
Deficient chest measurement.....						1
Overweight.....		1		1		
Underweight.....		3			37	32
Malnutrition.....						
Anorchism.....						
Monorchism.....						
Cryptorchidism.....	1				6	5
Hypospadia.....					3	
Fistula, post operative.....						1
Fistula, other.....						
Bullet or other recent wounds.....				2	2	2
Ill-defined diseases.....				1	2	
Disease or defect not specified.....	1		1	1	1	1
Under observation or undiagnosed.....						1
<b>Total men rejected.....</b>	<b>33</b>	<b>130</b>	<b>82</b>	<b>207</b>	<b>487</b>	<b>571</b>

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 437

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Absolute numbers.)

West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
	2	6	8		1	184	342	526
						2	2	4
						3	2	5
						10	20	30
						1		1
1	2	2	1		2	38	84	122
						10	22	32
						6	25	31
	1	3	3			47	55	102
		1				31	32	63
						1	3	4
					1		2	2
		2				23	28	51
	7	30	22		5	940	1,069	2,009
						38	151	189
	1	1	1		1	49	80	129
	1	1	6			87	136	223
						1	1	2
	1	2			1	46	55	101
						1	2	3
2	1	6	10		3	99	208	307
	2	5	11	1	1	144	229	373
						9	6	15
	3		2			112	160	272
			1			3	6	9
	1	9	5		2	119	159	278
	4	3	5		3	200	320	520
1	3					15	27	42
						8	4	12
			1			3	10	13
		1				14	13	27
						1	1	2
	1	6	3			127	202	329
						2	1	3
1	6	9	13	1	3	293	503	796
	1	2	6		3	222	307	529
		1				9	10	19
1						35	50	85
	1	5	7	1	2	707	768	1,475
						1	2	3
						1	2	3
						2	1	3
			2		1	95	129	224
						9	12	21
							2	2
						10	16	26
1		1	1			37	91	128
			2		1	27	72	99
	1	1				51	76	127
			1			34	50	84
27	232	419	497	12	105	17,965	25,163	43,128

1 Not including 437 men. This number is distributed through all the States and is the total of those men whose original records did not specify whether they came from cities or rural districts.

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million.

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.	
	Cities. <sup>1</sup>	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....								
II. Tuberculosis, pulmonary.....	6.13	6.26			5.26	10.25	9.75	2.4
Tuberculosis, all other.....		.82				.37		.34
III. Venereal diseases:								
Chancroid.....								
Gonococcus infection.....	1.02	.16				.73		.2
Syphilis, all.....	1.79	.58			2.63	2.56	4.06	3.6
IV. General diseases:								
Tumors, benign.....								
Carcinoma.....								
Obesity.....								
Cretinism.....								
Goiter, simple.....		.08				.37		.2
Exophthalmic goiter.....						1.10		
Diabetes mellitus.....		.08						
Alcoholism, chronic.....								
Drug addiction.....					.88		.81	
Arthritis.....	1.53	1.15			.88	.37	1.62	.6
Poisoning, chronic.....								
Other general diseases.....		.08			.88	.37		.11
V. Nervous diseases:								
Speech, defective.....		.08						
Neurasthenia.....	.26	.08						
Neuritis.....	.26							
Multiple sclerosis.....								.11
Paralysis of muscle.....		.08						
Paralysis of nerve.....	.26	.08						.2
Epilepsy.....	.51	.91			.88	.37	2.44	3.5
Jacksonian epilepsy.....	.26	.08						
Hysteria.....		.08						.11
Tabes dorsalis.....	.26	.25						
Other diseases of the nervous system.....	.77	.41						.3
VI. Mental diseases:								
Mental deficiency.....	3.07	7.57			.88	.37	2.44	3.9
Dementia præcox.....	.51	.66				.73	.81	.5
Constitutional psychopathic states.....	.26	1.15				.37		.2
Psychasthenia.....								.11
Psychoneuroses.....	.26	.41						.6
Psychoses, alcoholic.....								
General paralysis of insane.....								
Psychoses, other.....	1.53	.91				.73		.2
VII. Diseases of the eye:								
Defective vision, cause not stated.....	3.83	5.02			1.75	2.56	2.44	5.2
Strabismus.....		.08				.37		.2
Myopia.....		.08					.81	.6
Hyperopia.....	.51	.16						.11
Astigmatism.....	.51	.16				.37		.2
Leucoma.....	.26							
Cataract.....	.26	.16						.2
Conjunctivitis, other.....								
Conjunctivitis, granular.....		.08				.73		.2
Ptergium.....								
Choroiditis.....	.26							
Retinitis.....								
Amblyopia.....								
Color blindness.....								
Glaucoma.....								
Keratitis.....	.26	.08						
Nystagmus.....								

<sup>1</sup> Includes cities and populous counties in each State.



and densely populated counties in comparison with those from rural districts, covering men sent to camp.

(Ratio per 1,000 men examined from city and from rural districts.)

California.		Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
0.15	0.13	.....	0.21	0.12	.....	.....	.....	.....	.....	.....	0.78	.....	0.12
4.78	9.42	6.82	9.88	4.58	5.61	4.05	1.50	1.02	.....	9.13	6.25	4.09	6.37
.65	.39	.....	.21	.12	.36	.81	.....	.....	.....	.....	.52	.24	.06
.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.65	2.71	.....	.64	1.86	.54	.....	.....	.25	.....	1.44	.26	.....	.18
1.34	1.35	1.95	.43	2.48	1.27	.81	1.50	.....	.....	7.20	3.65	.48	1.09
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.05	.13	.....	.....	.....	.....	.....	.....	.....	.....	.48	.....	.....	.....
.30	.32	.....	.....	.....	.54	.....	.....	.....	.....	.....	.....	.....	.....
.20	.64	.....	1.07	.....	.18	.....	1.50	.....	.....	.48	.....	.96	.12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.10	.13	.....	.....	.49	.18	.81	.....	.25	.....	.....	.....	.....	.....
.60	.39	.97	.....	.62	.....	.....	.....	.....	.....	1.92	.26	.....	.....
.75	.64	.97	.21	.49	.36	.....	.....	.....	.....	.....	.....	.48	.79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.50	.32	.....	.....	.....	.18	.....	.....	.....	.....	.48	.52	.24	.12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.35	.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.26	.24	.06
.....	.....	.....	.....	.12	.72	.....	.....	.....	.....	.....	.26	.....	.....
.....	.....	.....	.....	.12	.....	.....	.....	.....	.....	.....	.....	.....	.....
.05	.13	.49	.....	.....	.....	.81	.....	.....	.....	.....	.26	.....	.18
.15	.19	.....	.....	.....	.36	.....	.....	.....	.....	.48	.....	.....	.06
.....	.13	.....	.....	.....	.....	.81	.....	.....	.....	.....	.....	.....	.....
.75	.39	.97	.43	1.42	3.26	.81	1.50	.25	.....	.48	2.34	.24	.79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.10	.13	.....	.....	.....	.....	.81	.....	.....	.....	.....	.....	.....	.12
.05	.06	.....	.....	.....	.....	.....	.....	.....	.....	.48	.....	.....	.06
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.15	.52	.49	.....	.12	.18	.....	.....	.....	.....	.96	.....	.24	.36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.24	1.68	.97	1.29	2.10	3.62	.....	1.50	.....	.....	1.92	7.82	1.44	3.46
.20	.13	.49	.....	.37	.18	.81	.....	.....	.....	.....	.26	.72	.61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.20	.71	.49	1.50	.25	.18	.....	1.50	.25	.....	.48	.....	.24	.36
.05	.....	.....	.....	.....	.18	.....	.....	.....	.....	.48	.....	.....	.....
.25	.06	.....	.24	.12	.....	.....	.....	.....	.....	.96	.78	.....	.30
.05	.06	.....	.....	.....	.....	.....	1.50	.....	.....	.....	.....	.....	.....
.....	.....	.....	.21	.12	.....	.....	.....	.....	.....	.48	.52	.24	.....
.30	.19	.....	.24	.12	.18	.....	.....	.....	.....	.48	.26	.24	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12.79	11.54	1.46	1.50	13.86	15.74	3.24	1.50	.76	.....	5.76	9.38	4.32	5.46
.50	.39	.....	.....	.....	.18	.81	.....	.....	.....	.48	.26	.....	.....
.....	.06	.....	.....	.25	2.17	.81	.....	.....	.....	.....	.26	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.48	.....	.....	.....
.....	.....	.....	.....	.25	.54	.....	1.50	.....	.....	.....	.26	.....	.....
.....	.....	.....	.....	.12	.....	.....	.....	.....	.....	.....	.....	.....	.....
.05	.....	.....	.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.52	.....	.....
.20	.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.52	.....	.....
.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.26	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.37	.90	.....	.....	.....	.....	.....	.52	.....	.....
.....	.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.12	.....	.....	.....	.....	.....	.48	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.26	.....	.....
.05	.06	.....	.....	.....	.....	.....	.....	.....	.....	.48	.26	.24	.06

## 440 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Idaho.		Illinois.			Indiana.		Iowa.		Kansas	
	Cities.	Rural districts.	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		0.28		0.05			0.06		0.06		0.12
II. Tuberculosis, pulmonary.....	2.00	4.53	1.70	2.38	3.06	4.18	2.53	2.77	4.71	7.03	6.41
Tuberculosis, all other.....			.09	.16	.23	.13	.13	.25	.18		.47
III. Venereal diseases:											
Chancroids.....			.05								
Gonococcus infection.....		.28	.33	.43	.23	.38	.06	.25	.18		
Syphilis, all.....		.85	1.23	.79	.93	3.68	2.27	.50	.24	1.56	1.67
IV. General diseases:											
Tumors, benign.....											
Carcinoma.....											
Obesity.....			.05	.16							
Cretinism.....											
Goiter, simple.....	4.00	.85	.19	.21	.17	.25	.19		.54	.78	.15
Exophthalmic goiter.....		1.41	.24	.58	.27	.38	.39	.25	.60	.78	.39
Diabetes mellitus.....				.05	.07						
Alcoholism, chronic.....			.05	.26	.03		.06				
Drug addiction.....		.28	.14	.21	.03				.18	2.34	.1
Arthritis.....		.85	.38	.16	.23	.13	.06	1.01	1.93	.78	.27
Poisoning, chronic.....											
Other general diseases.....		.28	.19	.16	.10	.51			.18	.78	.47
V. Nervous diseases:											
Speech, defective.....		.28	.05	.11	.07	.13	.19				
Neurasthenia.....			.09	.16	.07			.54		.12	
Neuritis.....									.18		
Multiple sclerosis.....					.03		.06				
Paralysis of muscle.....			.09	.05	.13			.25	.24		.12
Paralysis of nerve.....					.03			.06		.12	
Epilepsy.....		.57	.61	.64	.37	.63	.65	.50	.97		.58
Jacksonian epilepsy.....											
Hysteria.....				.11	.10				.36		
Tabes dorsalis.....									.12		
Other diseases of nervous system.....		.28	.14	.11	.20		.39		.66	.78	.25
VI. Mental diseases:											
Mental deficiency.....	2.00	1.70	.61	.53	1.36	.51	.78	1.01	4.41	.78	1.77
Dementia praecox.....		.28	.14	.16	.10	.25	.13	.25	.54		.12
Constitutional psychopathic states.....			.09	.05	.13	.13			.36	2.34	.35
Psychasthenia.....			.05				.13				
Psychoneuroses.....			.14	.32	.10	.25			.06	.78	.7
Psychoses, alcoholic.....				.05	.03						
General paralysis of insane.....			.05	.05	.03		.06		.12		.35
Psychoses, other.....			.14	.05	.07			.25	.18		.12
VII. Diseases of the eye:											
Defective vision, cause not stated.....	6.00	7.92	7.46	4.02	3.19	3.30	3.69	2.77	3.14	4.68	2.68
Strabismus.....		.57			.03	.13	.32		.06		.15
Myopia.....			.05	.11	.33	.51	.97	.18			
Hyperopia.....					.07	.63	.06				
Astigmatism.....				.05	.13		.06		.06		.12
Leucoma.....											
Cataract.....					.07	.13	.13				.12
Conjunctivitis, other.....					.20	.13	.06		.06		
Conjunctivitis, granular.....		.57		.32	1.93	.76	1.75		.06		.27
Pterygium.....				.05	.07						
Choroiditis.....			.05			.13	.19		.06		
Retinitis.....			.05		.03						
Amblyopia.....				.05	.13	.38	.19		.12		
Color blindness.....											
Glaucoma.....											
Keratitis.....					.03				.06		
Nystagmus.....					.03		.06				

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
7.05	7.59	9.10	8.61	1.41	2.82	0.38	0.22	0.28	0.11	.....	0.12	0.06	.....	0.06
.82	.59	.....	.11	.....	.....	.....	.....	9.05	3.52	4.95	2.02	2.61	1.41	1.11
.....	.15	.....	.11	.....	.....	.....	.....	.28	.33	.51	.04	.33	.....	.26
.44	.30	.52	.34	.....	1.15	.38	.....	.97	.55	1.53	.46	.28	.41	.06
5.73	2.31	2.34	3.56	2.82	3.07	.38	.....	1.53	3.19	1.82	2.16	.78	.50	.33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.04	.06	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.08	.....
.44	.07	.....	.11	.....	.38	.....	.....	.....	.11	.07	.33	.33	.33	.85
.44	.37	.....	.11	.....	.....	.....	.....	.....	.22	.....	.75	1.22	.08	.26
.....	.....	.....	.....	1.41	.38	.....	.22	.97	.77	.29	.04	.11	.....	.....
.44	.15	.78	.....	.....	.88	.....	.....	.28	.22	.07	.12	.....	.50	.06
.....	.37	.26	.34	1.41	.77	.....	.....	.42	.22	.44	.21	.28	.58	.69
.....	.37	.26	.....	.....	.38	.....	.....	.14	.11	.15	.25	.22	.08	.13
.44	.15	.....	.....	.....	.77	.....	.....	.....	.11	.15	.12	.28	.....	.....
.....	.....	.....	.....	1.41	.....	.....	.....	.14	.11	.44	.08	.06	.....	.....
.....	.....	.....	.....	.....	.....	.22	.....	.14	.11	.07	.08	.22	.....	.06
.44	.....	.26	.11	.....	.....	.....	.....	.14	.22	.07	.12	.33	.25	.06
.....	.....	.26	.46	.....	.....	.....	.....	.....	.....	.....	.04	.06	.08	.....
.44	.74	4.16	.....	1.41	2.30	.....	.22	1.81	1.82	1.96	.67	.67	.17	.39
.....	.....	.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06	.....	.....
.....	.07	.....	.....	.....	.77	.....	.....	.....	.11	.07	.04	.....	.....	.....
1.32	.07	.26	.....	.....	.....	.....	.....	.....	.....	.....	.21	.11	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.44	.52	1.30	.46	.....	.38	.....	.....	.42	.11	.51	.12	.22	.08	.13
.88	2.08	2.60	5.63	2.82	3.83	.19	.66	1.39	2.86	1.53	1.91	5.94	.76	1.37
.....	.....	.52	.23	.....	.....	.19	.....	.56	.77	.15	.25	.44	.50	.20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.44	.07	.....	.....	.....	.38	.....	.....	.14	.33	.15	.29	.....	.25	.20
.....	.07	.....	.26	.....	.....	.....	.....	.....	.11	.29	.....	.....	.....	.....
.....	.07	.78	.11	.....	.....	.....	.....	.....	.....	.....	.12	.11	.25	.06
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.15	.....	.46	.....	.....	.....	.....	.14	.11	.07	.....	.06	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.22	.21	.33	.....	.13
6.61	4.46	2.86	6.89	4.24	8.44	1.53	.88	12.81	11.02	12.95	6.66	6.88	3.98	3.12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.44	.97	.26	.23	.....	.77	.57	.....	.70	.33	.87	2.04	1.33	.17	.....
.....	.52	.52	.23	.....	.....	.....	.....	.14	.22	.15	.25	.33	.17	.....
.....	.07	.52	.23	.....	.38	.....	.....	.84	.66	.65	.79	.72	.08	.06
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06	.....	.....
.44	.07	.....	.11	.....	.....	.....	.....	.....	.11	.....	.21	.33	.....	.....
.....	.15	.....	.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.32	5.50	.....	.11	.....	.....	.....	.....	.....	.22	.....	.17	.11	.....	.....
.....	.07	.....	.....	.....	.....	.....	.....	.....	.....	.15	.....	.....	.....	.....
.....	.....	.....	.23	.....	.....	.....	.....	.....	.....	.....	.12	.06	.....	.06
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.04	.06	.....	.....
.....	.37	.....	.....	.....	.....	.....	.....	.....	.....	.07	.71	.28	.....	.13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.07	.....	.11	.....	.....	.....	.....	.....	.....	.....	.04	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.04	1.17	.....	.06

442    PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.		Nevada.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
I. Infectious diseases.....		0.13		0.14						
II. Tuberculosis, pulmonary.....	4.12	12.16	10.04	7.79	2.38	2.91	5.52	3.61		1.7
Tuberculosis, all other.....		.13		.14	.48	.73		.13		
III. Venereal diseases:										
Chancroid.....			.10				.32			
Gonococcus infection.....	1.37	.88	.77	.20		.62				
Syphilis, all.....		1.50	4.73	2.25	3.33	.93	3.25	.90		1.4
IV. General diseases:										
Tumors, benign.....		.25		.07						
Carcinoma.....										
Obesity.....										
Cretinism.....										
Goiter, simple.....		.13	.10	.27	.48	1.25	.65			
Exophthalmic goiter.....		.25	.68	.34	.48	.83	.65	.13	3.40	
Diabetes, mellitus.....								.26		
Alcoholism, chronic.....	1.37			.14						
Drug addiction.....		.13	.58	.20			.32		3.40	
Arthritis.....		.75	.39	.07		.52				2.6
Poisoning, chronic.....					.48					
Other general diseases.....		.38	.19		.95	.31	.65	.13		.4
V. Nervous diseases:										
Speech, defective.....		.13	.10	.20		.31				
Neurasthenia.....			.10	.07			.32			
Neuritis.....										
Multiple sclerosis.....		.13						.13		
Paralysis of muscle.....		.13		.07		.10				
Paralysis of nerve.....			.10	.07			.32			
Epilepsy.....	1.37	2.01		.95		.42	.97	.39		.8
Jacksonian epilepsy.....										
Hysteria.....		.13	.10	.14		.10	.32			
Tabes dorsalis.....	1.37			.14	.95		.32			
Other diseases of nervous system.....	1.37	6.63	.58	.27	.48	.31				
VI. Mental diseases:										
Mental deficiency.....	8.24	7.14	1.25	4.50	1.43	1.56	2.27	1.80		
Dementia, precox.....		.63	.10	.27			.32	.26		
Constitutional psychopathic states.....		.13	.77	.48		.10	.65	.26		.9
Psychasthenia.....			.10							
Psychoneuroses.....		.38	.39	.55	.95	.21		.26		
Psychoses, alcoholic.....			.10							
General paralysis of insane.....				.14						
Psychoses, other.....		.13	.10	.14		.21	.32			
VII. Diseases of the eye:										
Defective vision, cause not stated.....	9.62	10.28	2.03	3.34	9.52	9.08	2.27	2.83	6.80	7.5
Strabismus.....					.48	.31		.13		
Myopia.....		.25	.10	.20			.32			
Hyperopia.....		.13	.10							
Astigmatism.....		.25	.10	.07		.10				
Leucoma.....										
Cataract.....		.38		.14				.26		
Conjunctivitis, other.....										
Conjunctivitis, granular.....			.39	1.23		.31			3.40	
Pterygium.....					.48					
Choroiditis.....		.13		.14						
Retinitis.....		.25								
Amblyopia.....		.25	.29	.27	.48					
Color blindness.....										
Glaucoma.....										
Keratitis.....				.07				.13		
Nystagmus.....		.25		.07	.48					

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

New Hampshire.															
Cities.	Rural districts.														
5.42	4.66	3.25	0.11	11.93	10.14	2.29	0.05	2.96	8.16	0.28	1.21	0.15			
		.11	1.79		.42	.24	2.47		1.26	16.87	.34	1.95		1.38	
			.06				.10			.45		.13			
3.61		.34	.06	2.89	1.37	.10	.82	.04		.08				.06	
	.58	.34	.54	2.39	.42	.93	1.21	.22	3.15	.45	1.30	.36		.15	
								1.08		2.18		2.46		1.04	
		.06					.05	.04				.06			
						.02				.15		.15			
		.17				.19	.29	.19		.36	2.60	.52	.57		
		.29	.16		.42	.36	.19	.27	.62	.75		.60	.42	.54	
		.17				.10	.05	.04		.08			.08	.10	
1.80		.17			.42	1.09	.43	.15				.27	.05		
	.58	.17	.16		.42	.17	.15	.46	.63	.15	.17	.36	.40		
		.17				.07	.10	.23		.30		.08	.06		
			.23			.10		.11		.08	1.30	.12			
						.07	.15	.06		.29		.16	.15		
						.02	.05	.08	.63			.17	.03	.05	
		.11				.05	.05			.15		.03			
						.05	.05			.23		.17	.09		
3.61	1.75	1.09	.79		1.27	.76	.67	1.29	1.26	.08					
						.02		.08		.08		.03	.10		
		.08			.42		.10				.17	.06	.05		
		.23				.19	.34	.27		.45		.34	.36	.29	
5.42	4.08	1.03	2.02	2.39	3.80	.62	1.55	.97	7.56	11.04	1.30	2.93	.99	1.11	
	.58		.08			.12	.24	.34		.43		.17	.16	.20	
			.16		.42	.21	.10	.27		.15		.17	.16	.20	
		.06				.03		.04		.08			.06		
		.06				.10	.05	.08		.53		.17	.09		
		.16				.07	.05				.17	.08			
		.16			.42	.02	.24	.19		.45		.03	.10		
						.21						.26	.20		
3.61	1.17	4.28	4.04		3.38	14.66	5.13	5.54	5.67	4.73	6.51	4.14	3.24	3.36	
		.06				.12	.15	.29	1.89	.75		.17	.06	.15	
		.68	.73			.19	.05	.04		.30		.34	.39	.15	
		.06				.29	.24	.49		.23		.52	.08		
		.23	.16							.15			.08		
		.06				.12		.04		.23		.17	.09	.05	
		.17	.16							.23			.03		
	.06		.06	2.39	1.37	.43	.10	.08		1.30		.52	.03	.10	
		.08				.05	.10	.04		.15			.06		
										.08			.09		
	.11	.08			.42	.24		.08	.63	.30		.17	.03	.06	
										.03	.15		.08	.06	



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUTTS. 445

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

South Caro ina.		South Dakota.		Tennessee.		Texas.		Utah.		Vermont.		Virginia.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
3.45	0.48		0.26	0.26		0.14	0.04				3.60		
.69	9.73		5.02	3.88	2.83	4.85	4.35	5.10	3.41	12.63	4.80	4.91	2.56
	.72		.26			.14	.14				.60		.13
2.07	.36		.26	.26									
2.07	.96				.20	1.11	.21		.38	5.05	.60		.13
4.83	3.72			1.55		1.25	2.07	1.02	.76	5.05			
							.04						
							.04						.07
	.24				.20	.14			1.52		.60		
1.38	.12		.53	.52	.10		.07		1.14				.07
						.14					.60		
1.38	.12			.78		.28	.04					.29	
	.72			.26		.14	.21	.51	1.14				.27
	.36			.52			.14	.51					.27
.69	.36												
				.26	.10	.07	.51		.38				
							.04			.60			
	.12				.10		.04		.38				.07
				.26									.07
1.38	2.04			.26	.39	.42	.50			2.53	.60	.58	.40
							.04					.29	
	.48					.14	.14						.07
	.48			.52			.50						
	.48			.26	.10		.50		.38				
5.52	9.61		2.11	.52	2.25	.42	.64		.76		1.20	.58	.74
1.38	.48			.26	.10	.14	.25	.51					.27
			.26	.52	.10	.14	.07		.76		1.20	.29	.07
	.72		.26	.52	.20		.14						
	.24				.10								
					.10	.42	.25	.51					
2.07	5.05	5.55	2.11		1.86	1.25	1.64	5.61	8.34	7.58	10.20	2.02	2.63
	.48						.21						.27
	.24				.10	.69	.18					.87	.54
				.26	.10	.14	.07				.60		.07
.69	.12						.04				1.20		.07
							.11					.29	.13
	.48				.10	.42	.21		.38			.58	.13
	.12												.07
					.29	.28	.50		.38				.07
	.12						.04						
	.12					.42	.18					.58	.07
							.07						
.69	.12					.55	.28					.58	.61
	.12											.29	.07
						.14							

## 446 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXI.—Men rejected at mobilisation camp, showing men who came from cities and densely populated counties in comparison with those from rural districts, covering approximately the first million men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

	City		Rural		Total		Total		Total	
I. Infectious diseases.....	0.23				0.18		0.06	0.06	0.07	
II. Tuberculosis, pulmonary.....	5.20	4.42		2.96	2.53	1.84	8.92	3.26	4.71	4.06
Tuberculosis, all other.....		.47			.26	.00	1.26	.17	.24	.23
III. Venereal diseases:										
Chancroid.....	.14	.16					.03	.03	.03	.03
Gonococcus infection.....		.23	0.96		.38	.56	.00	.43	.35	.35
Syphilis, all.....	1.13	.96			.38	.56	.00	1.25	1.27	1.27
IV. General diseases:										
Tumors, benign.....						.09		.02	.02	.02
Carcinoma.....						.18		.03	.02	.02
Obesity.....						.14		.27	.24	.25
Cretinism.....	2.81	2.37			.14	.26		.25	.26	.26
Goiter, simple.....	2.11			.20	.84	.70		.01	.01	.01
Exophthalmic goiter.....					.14			.11	.04	.04
Diabetes, mellitus.....								.30	.08	.08
Alcoholism, chronic.....	.56				.09	3.12		.28	.40	.33
Drug addiction.....	.14	.47			.28	.44		.00		.00
Arthritis.....										
Poisoning, chronic.....										
Other general diseases.....		.47		.10			.15	.18	.17	.17
V. Nervous diseases:										
Speech, defective.....	.26	.16		.10	.14	.26		.08	.10	.08
Neurasthenia.....	.14					.16		.08	.06	.06
Neuritis.....	.14				.28			.04	.03	.03
Multiple sclerosis.....	.14			.10				.04	.06	.05
Paralysis of muscle.....	.14							.07	.06	.06
Paralysis of nerve.....	.14							.03	.08	.06
Epilepsy.....	.26	.16		.20	.70	.61		.68	.80	.80
Jacksonian epilepsy.....								.01	.01	.01
Hysteria.....					.14			.03	.06	.06
Tabes dorsalis.....								.07		.06
Other diseases of nervous system.....	.26	.47		.19	.56	.44	.03		.20	.26
VI. Mental diseases:										
Mental deficiency.....	.56	.96		.96	2.26	4.55		1.15	2.64	2.06
Dementia praecox.....		.47		.19		.35		.20	.27	.24
Constitutional psychopathic states.....	.14	.32	.48	.10	.14		2.12	.20	.21	.20
Psychasthenia.....	.14							.03	.03	.03
Psychoneuroses.....								.13	.15	.14
Psychoses, alcoholic.....								.03	.01	.02
General paralysis of insane.....								.03	.04	.05
Psychoses, other.....		.47		.10		.16		.16	.17	.17
VII. Diseases of the eye:										
Defective vision, cause not stated.....	5.76	8.06	2.39	2.88	5.62	5.61	11.33	6.26	4.79	5.42
Strabismus.....	.26	.16		.58	.26	.00		.12	.16	.14
Myopia.....	.26		.48	.38	1.83	.53		.54	.37	.44
Hyperopia.....				.19	.56	.00		.11	.08	.09
Astigmatism.....						.00		.19	.16	.17
Leucoma.....								.03	.02	.03
Contrafact.....				.10	.70	.16		.00	.11	.16
Conjunctivitis, other.....				.10			3.12		.04	.03
Conjunctivitis, granular.....		.47		.19	.14			.16	.53	.37
Pterygium.....					.14			.01	.02	.02
Choroiditis.....				.10	.14			.05	.06	.06
Retinitis.....								.01	.02	.02
Amblyopia.....				.19		.08		.16	.15	.15
Color blindness.....									.01	.00
Glaucoma.....								.01		.00
Keratitis.....						.00		.01	.02	.02
Nystagmus.....				.20				.02	.06	.05





# 448 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Alabama.		Alaska.		Arizona.		Arkness	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
VII. Diseases of the eye—Continued.								
Enucleation of eye.....								
Other diseases of the eye.....	.51	.25				.73		.4
VIII. Diseases of the ear:								
Defective hearing.....		.33						.2
Otitis media.....	1.02	1.07			1.75	2.20	.51	.9
Perforated eardrum.....								
Other diseases of the ear.....						.37		
IX. Diseases of the nose:								
Nose, external deformity of.....								
Deviation of nasal septum.....								
Polypus, nasal.....								
Rhinitis, hypertrophic.....								
Sinusitis.....								
Other diseases of the nasal fossae..		.16				.73	.51	.11
X. Diseases of the throat:								
Tonsillitis, hypertrophic.....								
Other diseases of the pharynx.....		.08						
Other diseases of the larynx.....								
XI. Circulatory system:								
Endocarditis, acute, chronic.....		.25			.88	.37	1.62	1.5
Valvular heart disease—								
Tricuspid lesions.....								
Mitral insufficiency.....	2.56	4.78			1.75	3.20	4.87	4.8
Mitral stenosis.....	2.04	2.47			2.63	1.83		.6
Aortic insufficiency.....		.25						.4
Aortic stenosis.....		.08						.4
Combined lesions, aortic and mitral.....								
Pulmonic lesions.....								
Unclassified.....		.08				.37	1.62	.6
Myocarditis.....	.26	.66					.51	.2
Myocardial insufficiency.....								
Pericarditis.....								
Heart block.....								
Cardiac hypertrophy.....	.26	.16					1.62	.5
Cardiac dilatation.....								
Cardiac arrhythmias.....								
Tachycardia.....	.26	.91						1.6
Bradycardia.....								
Hemorrhoids.....	.26				.88			
Varicose veins.....	.26	.41				.37		.5
Varicocele.....		.08			1.62	.22	.15	.11
Other diseases of the circulatory system.....	.77					.37		.11
XII. Respiratory system:								
Asthma.....	.26	1.48			.75	.37		1.4
Bronchitis.....	.51							.11
Pleurisy, fibrinous.....								
Other diseases of the respiratory system.....		.16			.88	.37		.5

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

California.		Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
0.30	0.19	.....	.....	0.12	0.18	.....	.....	0.26	.....	.....	0.26	.....	0.12
.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	0.48	.26	0.24	.06
.55	.39	.....	.....	.62	1.09	1.62	.....	.....	.....	.96	1.56	.....	.73
4.13	3.29	0.97	1.29	2.85	1.27	2.43	1.50	.51	.....	3.36	2.08	.72	.49
.60	.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06
.15	.19	.....	.....	.....	.....	.....	.....	.....	.....	.48	.....	.....	.....
.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06
.10	.06	.21	.....	.12	.....	.....	.....	.....	.....	.48	.....	.....	.....
.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.05	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06
.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.50	.53	.....	.....	.....	.18	.81	.....	.....	.....	.48	.....	.....	.18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06
5.42	0.19	2.44	1.98	4.70	5.26	.81	1.50	2.08	.....	3.36	4.17	2.65	4.61
.75	.64	1.46	3.44	1.36	1.45	1.62	1.50	.....	.....	2.40	2.26	.96	1.15
.15	.13	.49	.64	.37	.18	.....	1.50	.....	.....	.48	.52	.24	.49
.30	.13	.....	.....	.....	.36	.....	.....	.....	.....	.....	.....	.....	.....
.10	.13	.....	.....	.....	.....	.....	1.50	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.45	.19	.....	.....	.74	.54	.81	.....	.....	.....	.48	.26	.....	.....
.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.26	.....	.97
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.26	1.44	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.26	.49	.....	.37	1.27	.81	1.50	.....	.....	.....	1.04	.24	.06
.05	.06	.....	.21	.26	.....	.....	.....	.....	.....	.....	.....	.....	.06
.05	.06	.....	.....	.25	.....	.....	.....	.....	.....	.....	.....	.....	.....
.20	.06	.....	.....	.37	.90	.....	.....	.....	.....	1.92	.52	.24	.36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.35	.71	.....	.....	.74	.72	.....	1.50	.....	.....	.48	.26	.....	.....
1.50	.71	1.49	1.09	.....	.....	.....	.....	.....	.....	.....	.52	.....	.24
.....	.....	.....	.....	.12	.18	.81	.....	.....	.....	.48	.....	.....	.06
.10	.13	.....	.21	.....	.18	.....	1.50	.....	.....	.....	.....	.96	.24
.80	.45	.97	.64	1.11	.90	1.62	.....	.....	.....	1.92	1.82	.....	.26
.15	.19	.....	.....	.12	.18	.....	.....	.....	.....	1.92	.52	.....	.12
.06	.....	.....	.....	.....	.18	.....	.....	.26	.....	.....	.....	.....	.....
.70	.71	.....	.21	.87	.18	.....	.....	.....	.....	.48	.52	.....	.24

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TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Idaho.		Illinois.			Indiana.		Iowa.		Kansas.	
	Cities.	Rural districts.	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
VII. Diseases of the eye—Con.											
Emucleation of eye.....											
Other diseases of the eye.....		0.57	0.05	0.11	0.10	0.25	0.39	0.25	0.18		0.23
VIII. Diseases of the ear:											
Defective hearing.....		.28	.33	.05	.27	.25	.32	.25	.30		.12
Otitis media.....	2.00	2.26	2.88	1.38	1.50		.91	.75	1.33	1.56	1.25
Perforated eardrum.....		.85	.14	.05	.03	.25					
Other diseases of the ear.....							.06				
IX. Diseases of the nose:											
Nose, external deformity of.....											
Deviation of nasal septum.....							.06				
Polypus, nasal.....											
Rhinitis, hypertrophic.....						.13					
Sinusitis.....					.03				.06		.12
Other diseases of the nasal fossae.....			.05	.11	.10		.13				
X. Diseases of the throat:											
Tonsillitis, hypertrophic.....			.09				.06		.06		
Other diseases of the pharynx.....	2.00				.03						
Other diseases of the larynx.....			.05				.06				
XI. Circulatory system:											
Endocarditis, acute, chronic.....	4.00	.57	.24	.16	.13	.25	.13		.24		.12
Valvular heart disease—											
Tricuspid lesions.....					.03						
Mitral insufficiency.....	2.00	5.66	1.23	1.06	1.30	1.52	2.37	2.51	3.14	2.34	3.03
Mitral stenosis.....	2.00	1.13	.24	.95	.73	.13	.58	.75	1.75	6.25	2.91
Aortic insufficiency.....			.19	.37	.17	.25	.06	.75	.06		.70
Aortic stenosis.....			.05		.13		.19		.06		.23
Combined lesions, aortic and mitral.....				.05	.03				.06		
Pulmonic lesions.....											
Unclassified.....			.14	.32	.23		.32				.23
Myocarditis.....			.19	.11	.17	.25	.06	.25	.06		.12
Myocardial insufficiency.....		.28									
Pericarditis.....											
Heart block.....				.16					.06		
Cardiac hypertrophy.....			.05	.26	.20	.13	.32		.18	.78	.35
Cardiac dilatation.....			.05	.05							
Cardiac arrhythmias.....			.05	.05	.03						
Tachycardia.....			.33	.11	.20	.38	.19		.18	.78	.12
Bradycardia.....											
Hemorrhoids.....			.14		.10		.26		.06		
Varicose veins.....		1.13	.66	.37	.30	.25	.45		.24	1.56	.47
Varicocele.....		.28	.28	.05	.10	.13	.32				
Other diseases of the circulatory system.....				.05	.17		.19		.18		.12
XII. Respiratory system:											
Asthma.....		.28	.33	.53	.47	.38	.39	1.01	.66		.70
Bronchitis.....			.05		.13				.06		
Pleurisy, fibrinous.....		.28	.09						.06		
Other diseases of the respiratory system.....		.57	.19	.11	.20				.24	.78	.23

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
0.44	0.59	0.26	0.34				0.44	0.14	0.22	0.07	0.04	0.56	0.08	0.20
.44	.67	.52	.34		3.07			.28	1.10	.80	.42	.22	.17	.13
3.08	1.56	1.30	.80	4.24	1.53	.57	.66	1.39	2.42	1.16	3.04	2.89	1.16	.91
											.04	.11		.06
								.14		.07				
											.04	.06		
											.08	.06		
	.15										.04			.06
	.07				.77			.28	.11		.04	.06	.06	
									.11					
	.15													
												.06	.06	
		1.56	1.49		.38			.14	.33	.07	.12	.33	.06	.06
												.06		
2.64	2.08	2.08	3.33	7.06	3.83	.19		2.64	3.19	4.44	7.28	11.33	2.07	2.60
.44	.52	1.04	.92		.77	.19		.97	.77	.73	7.04	9.66	.91	1.04
.88	.15	.52	.46					.28	.33	.22	.79	.83	.25	.06
	.15	.52	.34		.38					.15		.17		.13
								.28		.07	.06			
	.15	.36	.23	2.82	1.15			.42	.44	.07	.06	.06		
	.22		.46						.11	.15	.08	.33	.25	.06
											.21			.13
												.06		
											.04	.06		
.44	.30		.46		1.15			.70	.44	.51	.17	.61	.25	.20
	.07							.14	.11	.07	.04			.06
	.07								.11	.15				.06
.88	.07	.26	.69		.77			.14	.55	.65	.58	.50	.08	.13
			.11											
	.37	.52	.34		.38			.42	.11	.22	.21	.28	.08	.06
	.30		.23	2.82	2.68		.22	1.25	1.10	.95	.54	.33	.83	.33
	.07	.26	.23		.38	.19			.44	.51	.17	.17		.06
	.22		.34			.19			.33	.07	.37	.17	.08	
.44	.59	2.34	2.98		.77	.19		1.25	.99	.95	.54	.78	.25	.13
	.37	.26			.77			.42	.22	.29	.25	.28		
										.07	.17	.06		
	.15				1.53			.14	.11	.29	.21	.28	.17	.1

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TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Mississippi.		Missouri.		Montana.		Nebraska.		Nevada.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
VII. Diseases of the eye—Continued.										
Enucleation of eye.....		0.25	0.10	0.20			0.22			
Other diseases of the eye.....										
VIII. Diseases of the ear:										
Defective hearing.....		.38	.39	.41		0.52		0.13		
Otitis media.....	1.37	3.12	1.16	1.64	1.90	2.70	1.95	1.08		4.43
Perforated eardrum.....				.07		.52	.65			.89
Other diseases of the ear.....			.10		.48	.42				
IX. Diseases of the nose:										
Nose, external deformity of.....										
Deviation of nasal septum.....										
Polypus nasal.....										
Rhinitis hypertrophic.....										
Sinusitis.....										
Other diseases of the nasal fossae.....										
X. Diseases of the throat:										
Tonsillitis, hypertrophic.....			.10				.32			
Other diseases of the pharynx.....				.07			.32			
Other diseases of the larynx.....		.13								
XI. Circulatory system:										
Endocarditis, acute, chronic.....	1.37	.88		.20		.52		.26		
Valvular heart disease—										
Tricuspid lesions.....										
Mitral insufficiency.....	2.75	6.64	2.61	4.29	9.05	5.29	4.55	3.74	6.80	5.31
Mitral stenosis.....	2.75	4.01	2.32	3.07		1.04	3.25	2.45		
Aortic insufficiency.....		.38	.48	.61	.95	.31	.65	.52		
Aortic stenosis.....		.28				.21				
Combined lesions, aortic and mitral.....		.13		.07						
Pulmonic lesions.....		.25				.10				
Unclassified.....		.25	.19	.14		.31		.26		
Myocarditis.....		.50		.14		.21				
Myocardial insufficiency.....						.10				
Pericarditis.....		.13								
Heart block.....				.07						
Cardiac hypertrophy.....	1.37	.75	.10	.41			.65		3.40	.99
Cardiac dilatation.....		.13	.10							
Cardiac arrhythmias.....	1.37		.19							
Tachycardia.....	1.37	1.13	.58	.07		.31	.32	.39		
Bradycardia.....		.13								
Hemorrhoids.....					.48	.31				
Varicose veins.....		1.13	.10	.27	1.90	1.14	.32			.99
Varicocele.....	1.37	.50				.10				
Other diseases of the circulatory system.....		.13			.48	.42				.99
XII. Respiratory system:										
Asthma.....	1.37	.38	.39	.48		.62	.32	.52		
Bronchitis.....		.13	.10	.07		.21				
Pleurisy, fibrinous.....		.38	.10							
Other diseases of the respiratory system.....		.38	.10	.34	.95	1.14	.32	.39	3.40	1.77

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

New Hampshire.		New Jersey.		New Mexico.		New York.			North Carolina.		North Dakota.		Ohio.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	New York City.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
		0.17	0.23			0.07	0.19	0.19		0.30		0.34		0.05
1.80	0.58	.40	.85			.36	.39	.19		.75			0.27	.25
	1.75	2.68	2.80		0.84	5.40	1.74	2.35		1.05		1.88	1.47	1.09
	.58	.11	.06			.02	.10	.04						
		.06				.02		.04		.08			.09	
						.02								
		.06												
			.08			.02								
								.04		.08				
			.08					.04					.03	
	.58	.11	.16			.36	.44	.34		.08		.34	.54	.25
3.61	6.41	2.17	1.48		2.11	1.59	1.02	1.86	1.89	3.68	3.91	2.41	2.01	1.88
	.58	.51	.54		2.63	.50	.29	.46	1.26	2.48	1.30	1.03	.69	.84
1.80	.58	.46	.31	4.77	.42	.21	.19	.30	.63	.60			.18	.40
		.06			.42	.05	.05	.08		.15		.17	.03	.05
		.06	.08			.02	.05						.06	
			.06	.06				.11					.09	
	1.75	.23	.31			.31	.24	.23	.63	.08			.03	.05
			.16			.19	.29	.23		.15	1.30		.09	.20
			.08											
						.07		.04						
	1.75	.46	.39			.17	.10	.42	.63	.75			.09	.10
		.06				.14	.10	.08						.05
1.80	.58		.06			.07		.04						
1.80		.11	.06			.10	.15	.27		.38			.48	.54
					.42	.19	.10	.11		.30			.12	.05
1.80	1.75	.34	.06	2.39	.42	.90	.19	.53	.63	.60		.34	.72	.89
						.10	.05	.06	.63	.23			.09	
		.23	.31			.07	.34	.23	.63	.45			.09	.15
1.80	.58	.40	.16			.14	.34	.64	.63	1.05		.86	.21	.15
			.23				.10	.08					.27	.35
		.06				.05	.05	.08						.05
1.80		.17	.06			.17		.34	.63	.60			.09	.40

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TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Oklahoma.		Oregon.		Pennsylvania.			Rhode Island.	
	Cities.	Rural districts.	Cities.	Rural districts.	Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.
VII. Diseases of the eye—Continued.									
Eye enucleation.....									
Other diseases of the eye.....		0.69				0.10	0.12		
VIII. Diseases of the ear:									
Defective hearing.....	0.44	.23			0.06	.15	.12	0.42	0.63
Otitis media.....	1.75	1.49	1.01	1.72	.58	.59	.46	1.70	
Perforated eardrum.....	.44	.06					.02		
Other diseases of the ear.....							.05	.42	
IX. Diseases of the nose:									
Nose, external deformity of.....									
Deviation of nasal septum.....							.02		
Polypus nasal.....									
Rhinitis hypertrophic.....									
Sinusitis.....							.05		
Other diseases of the nasal fossae.....		.29					.05		
X. Diseases of the throat:									
Tonsillitis, hypertrophic.....		.11		.57					
Other diseases of the pharynx.....		.29							
Other diseases of the larynx.....									
XI. Circulatory system:									
Endocarditis, acute, chronic.....		.11	1.01		.06	.05	.12	.42	
Valvular heart disease—									
Tricuspid lesions.....									
Mitral insufficiency.....	.88	1.84	2.53	2.29	.97	3.68	2.25	2.12	1.26
Mitral stenosis.....	.44	.80		.57	.06	.64	.48	1.27	1.52
Aortic insufficiency.....	.44	.29				.15	.12	1.27	.6
Aortic stenosis.....		.06	.51		.06		.02		.6
Combined lesions, aortic and mitral.....	.44	.06					.02	.42	
Pulmonic lesions.....									
Unclassified.....		.06		.57			.07	1.70	1.26
Myocarditis.....	.44	.11				.05	.14		
Myocardial insufficiency.....									
Pericarditis.....									
Heart block.....		.11							
Cardiac hypertrophy.....	.44	.11	.51			.54	.17	1.27	1.26
Cardiac dilatation.....								.42	
Cardiac arrhythmias.....							.02	.42	
Tachycardia.....					.13	.15	.12		.6
Bradycardia.....									
Hemorrhoids.....		.06					.10	.42	.6
Varicose veins.....	.88	.29	.51	.57		.15	.19		1.26
Varicocele.....						.05	.02	.85	
Other diseases of the circulatory system.....	.88	.23			.06	.05	.12		.6
XII. Respiratory system:									
Asthma.....		.11	.51	.57		.10	.41		.6
Bronchitis.....		.06					.05		.6
Pleurisy, fibrinous.....				.57	.12				
Other diseases of the respiratory system.....					.06		.10		.6



nd densely populated counties in comparison with those from rural districts, covering  
ren sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.		Vermont.		Virginia.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
	0.12		0.26	1.04	0.14 .10	0.04 .42	0.28					0.58	0.40
	.48		.26	.26	.20	.55	.28	1.02	0.76	2.53	0.60		.20
	.60		.53	.78	.20	.97	.64	4.08	3.79				.13
	.48				.10		.07	.51					.07
							.04	.51					
	.12		.26				.18						
							.04				.60		.07
											.60		.07
	.12				.20		.04	1.02	.76				
3.45	3.72	5.56	2.64	.26	.78	1.80	1.00	6.12	9.48	7.58	3.60	2.89	1.62
4.14	2.88	5.56	1.85	.52	.20	.28	.43	.51	1.14		.60	.87	.34
.69	.60		.53			.28	.11					.20	
						.14							
	.12		.26				.04		.38				
	.12		.26	.78	.20		.04				.60		.13
			.52								.60	.20	.07
2.07	1.80			.26	.10	.28	.18				.60		.13
	.24						.04						
1.38	.84		.79			.14	.14				.60		.20
						.04							
.69	.72					.14	.36					.58	.07
.69	.84			.52	.20	.42	.36	1.53	1.52		1.20	.20	.07
	.24			.26	.10			1.02	.38	2.53	.60		
.69	.48			1.08	.10	.28	.11	1.02	.38				.07
	1.08			.26	.20	.28	.39	2.04			1.80		.13
			.26		.10		.04						
	.12		.26			.14							
1.38	.48		.26			.14	.11	1.02	.76		.60		.07

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities and densely populated counties in comparison with those from rural districts, covering approximately the first million men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Washington.		West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
VII. Diseases of the eye—Con.											
Eye enucleation.....									0.01	0.00	0.01
Other diseases of the eye.....	0.14		0.48	0.29	0.28	0.26		0.63	.14	.24	.2
VIII. Diseases of the ear:											
Defective hearing..	.56	0.22			.42	.09		.63	.23	.25	.24
Otitis media.....	1.83	2.53		.96	1.26	1.14		1.89	2.16	1.25	1.7
Perforated eardrum	.42	.16							.06	.07	.5
Other diseases of the ear.....		.16			.14				.04	.04	.0
IX. Diseases of the nose:											
Nose, external deformity of.....									.00		.0
Deviation of nasal septum.....									.00	.01	.0
Polypus nasal.....										.00	.0
Rhinitis hypertrophic.....									.01		.2
Sinusitis.....									.01	.02	.0
Other diseases of the nasal fossae....	.14				.14				.04	.06	.5
X. Diseases of the throat:											
Tonsillitis, hypertrophic.....								.63	.02	.02	.0
Other diseases of the pharynx.....									.01	.03	.2
Other diseases of the larynx.....									.01	.01	.0
XI. Circulatory system:											
Endocarditis, acute, chronic.....	.70	.47		.19	.14	.09		.63	.26	.24	.5
Valvular heart disease—											
Tricuspid lesions.....						.09				.01	.0
Mitral insufficiency.....	7.30	5.09	2.39	2.59	5.48	2.26		3.77	2.82	2.20	1.0
Mitral stenosis.....	.70	.95	.48	.58	4.64	2.01		.63	1.22	1.43	1.3
Aortic insufficiency.....	.56	.16		.19	.28	.18			.20	.23	.2
Aortic stenosis.....				.10	.14			.63	.05	.09	.6
Combined lesions, aortic and mitral...									.04	.03	.5
Pulmonic lesions.....									.01	.02	.0
Unclassified.....	.28								.21	.15	1.1
Myocarditis.....	.14			.48	.14	.09		.63	.12	.17	.15
Myocardial insufficiency.....									.02	.01	.0
Pericarditis.....									.01	.01	.0
Heart block.....									.01	.01	.0
Cardiac hypertrophy.....	.14	.32	.48	.10	.14	.18			.22	.31	.5
Cardiac dilatation.....									.05	.02	.0
Cardiac arrhythmias.....								.63	.04	.02	.0
Tachycardia.....	.14	.16			.14	.18		.63	.25	.28	.27
Bradycardia.....										.01	.0
Hemorrhoids.....	.42					.18			.14	.16	.15
Varicose veins.....	.42	1.11			.28	.44		1.26	.57	.45	.3
Varicocele.....		.16			.28	.18			.12	.10	.11
Other diseases of the circulatory system.....	.28	.16		.19	.28	.18			.16	.16	.14
XII. Respiratory system:											
Asthma.....	.84	.16	.48	.77	.14	.26			.42	.56	.56
Bronchitis.....					.14	.18		1.26	.10	.11	.11
Pleurisy, fibrinous.....						.09		.63	.04	.03	.0
Other diseases of the respiratory system	.42	.47			.14	.09	6.23	.63	.19	.26	.2



TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XIII. Digestive system:								
Defective or deficient teeth.....	2.30	2.06			0.88	0.73	1.62	0.96
Dental caries.....								
Gastro-enteroptosis.....								
Appendicitis.....								
Hernia.....	3.32	2.80			1.75	1.10	3.25	3.00
Inguinal rings, enlargement of.....								
Fistula in ano.....	.26	.16						.11
Other diseases of digestive system.....	.26	.16				.37		.11
XIV. Genito-urinary system (nonvenereal):								
Nephritis, acute, chronic.....							.81	
Nephroptosis.....								
Hydrocele.....								.11
Other diseases of the genito-urinary system (nonvenereal).....		.49				.37		.11
XV. Diseases of the skin:								
Bromidrosis.....								
Raynaud's disease.....								
Large scar of face.....								
Abdominal scar.....								
Other diseases of the skin.....	.26	.82				.37		.45
XVI. Bones and organs of locomotion:								
Osteitis deformans.....								
Ankylosis, bony, of joint.....	.51	.49			.75	.73	.81	.34
Ankylosis, fibrous, of joint.....	1.02	.82					2.44	.67
Bursitis.....								
Tenosynovitis.....								
Relaxed ligaments of joint.....								
Joint, resection of.....								
Chronic dislocation (other than hand).....		.16			.88	.22	.10	.26
Contracture of joint.....		.16						
Contracture of muscle, fascia, tendon, sheath.....	.26	.16						.34
Bunion.....	.51	.16						
Hammer toe.....	.51	.08			.88			
Ingrowing nail.....								
Contracture of plantar fascia.....								
Pes cavus.....								
Pes planus.....	2.56	2.06			.88	.37	5.69	1.90
Pronated foot.....	2.04	1.23						
Loss of part of foot.....	.26	.58				.37		.27
Deformities of the foot, cause or type not specified.....	.26	.66			.88			.34
Ganglion.....								
Depressed fracture of skull.....		.25			1.75	.37		
Dupuytren's contraction of palmar fascia.....								
Deformities of hand, result of old injury or infection.....	.51	1.07						.34
Loss of one or more fingers.....	.51	.82			.88			.56
Loss of part or whole of lower extremity.....		.06						



TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Idaho.		Illinois.			Indiana.		Iowa.		Kansas.	
	Cities.	Rural districts.	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XIII. Digestive system :											
Defective or deficient teeth.....	2.00	3.68	3.50	1.54	0.93	1.27	2.01	.....	0.26	.....	1.23
Dental caries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gastro-enteroptosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Appendicitis.....	.....	.....	.....	.....	.08	.....	.....	.....	.08	.....	.....
Hernia.....	.....	6.22	2.27	2.54	2.46	3.17	3.56	1.76	1.69	2.34	1.14
Inguinal rings, enlargement of.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fistula in ano.....	.....	.....	.09	.11	.17	.....	.06	.....	.18	.....	.....
Other diseases of digestive system.....	2.00	.28	.24	.11	.17	.13	.19	.....	.78	.78	.12
XIV. Genito-urinary system (nonvenereal):											
Nephritis, acute, chronic.....	.....	.....	.09	.11	.....	.....	.13	.....	.06	.....	.....
Nephroptosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrocele.....	.....	.....	.05	.11	.....	.....	.06	.....	.....	.....	.....
Other diseases of the genito-urinary system (nonvenereal).....	.....	.85	.19	.26	.23	.25	.26	.50	.42	.78	.12
XV. Diseases of the skin:											
Bromidrosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raynaud's disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Large scar of face.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Abdominal scar.....	.....	.28	.09	.....	.07	.13	.....	.....	.....	.....	.....
Other diseases of the skin.....	.....	.57	.52	.16	.40	.....	.06	.50	.48	.78	.23
XVI. Bones and organs of locomotion:											
Osteitis deformans.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ankylosis, bony, of joint.....	.....	.85	.05	.11	.23	.38	.26	.....	.30	.....	.12
Ankylosis, fibrous, of joint.....	.....	2.26	.24	.37	.37	.33	.26	.....	.30	.....	.12
Bursitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tenosynovitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.06	.....	.....
Relaxed ligaments of joint.....	.....	.....	.....	.....	.....	.....	.06	.25	.....	.....	.12
Joint, resection of.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chronic dislocation (other than hand).....	.....	.....	.05	.11	.10	.....	.13	.....	.12	1.56	.....
Contracture of joint.....	.....	.28	.05	.....	.....	.....	.06	.....	.06	.....	.23
Contracture of muscle, fascia, tendon, sheath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bunion.....	.....	.....	.05	.16	.13	.13	.....	.25	.12	.....	.12
Hammertoe.....	.....	.28	.05	.11	.....	.13	.26	.....	.06	.....	.....
Ingrowing nail.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Contracture of plantar fascia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pes cavus.....	.....	.....	.05	.05	.10	.....	.....	.....	.06	.....	.....
Pes planus.....	.....	1.70	3.16	1.48	1.89	2.78	1.10	1.01	2.17	.....	.73
Pronated foot.....	.....	.....	.....	.....	.10	.13	.....	.....	.....	.....	.56
Loss of part of foot.....	.....	.....	.05	.26	.07	.13	.19	.....	.12	.....	.....
Deformities of foot, cause or type not specified.....	2.00	.85	.38	.11	.23	.13	.06	.....	.12	.....	.12
Ganglion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Depressed fracture of skull.....	.....	.57	.....	.05	.07	.25	.19	.....	.30	1.56	.....
Dupuytren's contraction of palmar fascia.....	.....	.....	.....	.....	.08	.....	.....	.....	.....	.....	.....
Deformities of hand, result of old injury or infection.....	.....	1.70	.....	.11	.13	.....	.....	.....	.30	.....	.....
Loss of one or more fingers.....	.....	.57	.19	.11	.30	.33	.45	.....	.30	.....	.....
Loss of part or whole of lower extremity.....	.....	.....	.....	.05	.03	.....	.....	.....	.06	.....	.....

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and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
2.64	3.50	2.86	2.99	1.41	16.87	1.14	0.22	7.24	16.74	18.91	5.91	8.11	2.74	1.50
											.04			
								.14		.15	.04			.06
7.49	3.57	3.12	2.87		5.75	.57	.66	5.01	4.63	6.55	7.41	9.22	1.82	1.39
								.14		.07		.11		
					.77			.14		.29	.17		.06	
	.67		.23		1.16			.84	.33	.65	.42	.33	.17	.13
.44	.15		.11					.42		.29		.06	.33	.13
						.19		.28		.07	.12	.06		
	.15	.52	.69		.77			.56	.44	.58	.08	.28	.06	.26
													.06	.06
													.06	
	.07										.08			.13
1.32	.89	.26	1.03		1.53	.19	.22	.84	.55	.73	.58	.61	.33	.06
	.15	.52	1.03					.42	.22	.29	.42	.39	.33	.20
	.74		1.15		2.30			.28	.66	1.24	.71	.78	.50	.59
											.04			
			.11						.11		.08	.17		
	.22		.46		.38			.56	.33	.22	.21	.22	.08	.06
			.11		.38						.12			
	.15	.26	.11	1.41				.14	.11	.07		.06		.13
								.28	.22	.36	.29	.22	.17	
									.11	.15	.21	.11	.08	
									.07					
2.64	.07	3.12	1.03	2.82	7.29	.38	.22	6.40	5.95	6.26	4.62	2.89	.75	1.17
					.38			.14	.11	.29			.08	
			.34		.38				.11	.07	.08	.22	.08	.06
	.15	.52						.28	.22	.22	.25	.44	.08	.13
											.04			
	.07	.26						.28	.11	.15	.08	.11	.17	.06
										.07				
	.45	.26	.34		1.15			.42	.33	.36	.58	.39		.20
	.30	.52	.23		1.15	.19	.22	.28	1.10	.65	.37	.50	.33	.52
								.28			.06	.06		







TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Oklahoma.		Oregon.		Pennsylvania.			Rhode Island.	
	Cities.	Rural districts.	Cities.	Rural districts.	Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.
XIII.	1.21	0.46	2.20	0.45	0.60	1.08	14.98	11.9	
	2.07	2.13	1.52	4.88	.19	.88	.77	2.23	1.5
	.44	.34	.51	.06	.05	.19	.35	1.2	
XIV.		.11		.06	.10				
		.11							
XV.	.44	.75	.57	.06	.15	.10	.35	.4	
	.44		.51						
	.44	.05							
	.44	.40			.10	.14			
XVI. Bones and organs of locomotion:									
Osteitis deformans.							.03		.4
Ankylosis, bony, of joint.		.06			.30	.07	1.27	.2	
Ankylosis, fibrous, of joint.	.44	.80	1.72		.15	.48	1.76		
Bursitis.		.06						.42	
Tenosynovitis.									
Relaxed ligaments of joint.	.44	.66				.02		.4	
Joint, resection of.									
Chronic dislocation (other than hand).	.44	.17	.57			.07	.42	.4	
Contracture of joint.	.44	.06		.06					
Contracture of muscle, fascia, tendon, sheath.									
Bunion.							.07	.42	
Hammertoe.		.06					.03	.42	
Ingrowing nail.									
Contracture of plantar fascia.									
Pes cavus.							.05		
Pes planus.	.88	.98	.51	4.00	.32	.39	.89	5.43	1.5
Pronated foot.		.11	.51			.30	.05		
Loss of part of foot.							.07	.42	
Deformities of foot, causes or type not specified.		.34					.05	.42	
Ganglion.									
Depressed fracture of skull.		.06	.51	.57	.06	.05	.07		
Dupuytren's contraction of palmar fascia.									
Deformities of hand, result of old injury or infection.	.44	.17	1.14		.15	.06	.42		
Loss of one or more fingers.	.44	.63	.51		.06	.25	.27		.4
Loss of part or whole of lower extremity.						.06			

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.		Vermont.		Virginia.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
3.45	3.00	.....	0.53	1.81	1.86	1.25	1.00	4.08	5.31	15.15	12.60	0.29	0.81
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3.45	5.77	5.55	.79	3.62	.78	2.36	2.64	1.02	10.62	2.53	5.40	.58	.94
.....	.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.07
.69	.84	.....	.26	.....	.....	.28	.25	.....	.....	.....	.....	.....	.07
.69	.86	.....	.....	4.14	.....	.42	.14	.....	.38	.....	1.20	.....	.13
.....	.....	.....	.....	.....	.....	.....	.07	.....	.....	.....	.60	.....	.07
.....	.12	.....	.....	.....	.....	.....	.07	.....	.....	.....	1.80	.....	.....
.....	2.04	.....	.....	.52	.10	.42	.14	.51	.76	.....	.....	.29	.07
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.36	.....	.....	.....	.....	.....	.04	.....	.76	.....	.....	.....	.....
1.38	1.80	.....	.....	.26	.29	.14	.50	.....	1.14	2.53	.60	.....	.20
.....	.48	.....	.....	.....	.....	.14	.21	.....	1.14	.....	.....	.29	.07
.....	1.82	.....	.....	.....	.39	.14	.46	1.02	3.08	.....	1.80	.....	.13
.....	.....	.....	.....	.....	.....	.....	.46	.....	.38	.....	.....	.....	.07
.....	.....	.....	.....	.....	.....	.....	.11	.....	.38	.....	.....	.....	.....
.69	.49	.....	.....	.....	.....	.14	.11	.....	.38	.....	.....	.....	.....
.....	.....	.....	.....	.26	.....	.....	.51	.....	.....	.....	.....	.....	.....
.....	.24	.....	.....	.....	.10	.....	.07	.....	.38	.....	.....	.....	.....
.....	.86	.....	.....	.26	.10	.14	.04	.....	.....	.....	.....	.29	.....
.....	.....	.....	.....	.....	.....	.....	.11	.....	.....	.....	.....	.....	.07
.....	.12	.....	.....	.....	.....	.14	.....	.....	.....	.....	.....	.....	.....
5.52	3.24	.....	.....	2.07	1.17	.88	.46	2.55	2.65	7.58	7.20	.....	.94
.69	3.86	.....	.....	1.81	1.76	.....	.....	.....	.....	.....	.....	.29	.07
.....	.24	.....	.....	.26	.....	.....	.07	.....	.76	.....	.....	.29	.....
.69	.24	.....	.26	.26	.39	.14	.11	2.04	.38	.....	.60	.....	.20
.....	.....	.....	.....	.....	.....	.....	.04	.....	.....	.....	.....	.....	.....
.....	.24	.....	.....	.....	.....	.....	.04	.51	.76	.....	.....	.....	.07
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.48	.....	.....	.....	.20	.14	.11	1.02	.38	.....	.....	.....	.13
.69	.36	.....	.....	.52	.20	.28	.21	.....	.38	2.53	.....	.58	.20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities and densely populated counties in comparison with those from rural districts, covering approximately the first million men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

Total.

1.11  
1.11  
1.11  
1.11

.00  
11

2

.00  
1.00  
1.00

.12

.00  
1.00  
1.00  
1.00

47

.00

.10

.00

.00

.00

.00

.14

.00

.00

.00

.00

1.11

1.11

1.11

.11

.11

.11

.11

.11

.11

.11



TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Alabama.		Alaska.		Arizona.		Arkansas.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Con.								
Shortening of lower extremity....	1.02	0.90	.....	.....	.....	0.37	.....	0.11
Loss of part of whole of upper extremity.....	.....	.....	.....	.....	.....	.....	.....	.11
Malunion fracture of upper extremity.....	.77	.58	.....	.....	.....	.....	.....	.11
Malunion fracture of lower extremity.....	.51	.33	.....	.....	.....	1.10	0.81	.56
Malunion fracture other than extremity.....	.....	.08	.....	.....	.....	.....	.....	.....
Nonunion fracture of upper extremity.....	.26	.....	.....	.....	.....	.....	.....	.....
Nonunion fracture of lower extremity.....	.....	.....	.....	.....	.....	.....	.....	.....
Recent operation wounds.....	.....	.....	.....	.....	.....	.....	.....	.....
Scar of head.....	.....	.....	.....	.....	.....	.....	.....	.....
Curvature of spine.....	.77	.58	.....	.....	.....	.....	.....	.23
Hernia of muscle.....	.....	.....	.....	.....	.....	.....	.....	.....
Other diseases of bones and organs of locomotion.....	1.02	1.73	.....	.....	0.88	.37	.81	1.12
XVII. Malformation and ill-defined diseases:								
Defective physical development..	.77	1.40	.....	.....	.88	.....	.....	.23
Deficient chest measurement.....	.....	.....	.....	.....	.....	.....	.....	.....
Overweight.....	.....	.08	.....	.....	.....	.....	.....	.....
Underweight.....	4.09	4.20	.....	.....	.....	.37	1.62	1.46
Malnutrition.....	.....	.....	.....	.....	.....	.....	.....	.....
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....
Monorchism.....	.....	.....	.....	.....	.....	.....	.....	.....
Cryptorchidism.....	.....	.....	.....	.....	.....	.....	.81	.....
Hypospadia.....	.....	.....	.....	.....	.....	.....	.....	.....
Fistula, post operative.....	.....	.....	.....	.....	.....	.....	.....	.....
Fistula, other.....	.26	.....	.....	.....	.....	.....	.....	.....
Bullet or other recent wounds....	.51	.41	.....	.....	.....	.....	.....	.34
Ill-defined diseases.....	.....	.08	.....	.....	.....	.....	.....	.11
Disease or defect not specified....	.....	.25	.....	.....	.....	.....	.....	.....
Under observation or undiagnosed	.....	.08	.....	.....	.....	.....	.....	.90
Total men rejected.....	230	821	.....	.....	42	112	71	655
Total number of men examined from city and densely populated counties and from rural districts.....	3,912	12,146	13	89	1,140	2,733	1,231	8,906
Ratio per 1,000 men rejected to number examined from city and rural districts.....	58.79	67.89	.....	.....	36.84	40.98	57.68	73.63

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

California.		Colorado.		Connecticut.		Delaware.		District of Columbia.		Florida.		Georgia.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
0.30	0.26	.....	.....	0.87	0.90	.....	.....	.....	.....	0.48	0.52	0.24	0.78
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.55	.84	0.49	0.21	.12	.72	.....	.....	.....	.....	.96	.78	.24	.36
.85	1.16	.....	.64	1.24	.72	.....	1.50	0.25	.....	.96	.52	.72	.55
.05	.06	.....	.21	.12	.18	.....	.....	.....	.....	.....	.....	.....	.....
.15	.....	.....	.....	.....	.18	.....	.....	.....	.....	.....	.....	.....	.....
.....	.06	.....	.....	.....	.....	.....	.....	.....	2.00	.....	.26	.....	.....
.10	.....	.....	.....	.12	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.09	.77	.97	.21	.74	.36	.....	.....	.51	.....	.....	.52	.....	.79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.54	1.61	.....	1.07	1.36	2.71	2.43	1.50	.25	.....	2.88	1.30	.72	1.27
2.39	2.26	.....	.....	.62	.90	.....	.81	.25	.....	1.92	1.30	1.93	1.64
.30	.26	.....	.21	.....	.18	.....	.....	.....	.....	.....	.....	.....	.....
.15	.06	.....	.....	.25	.....	.....	.....	.....	.....	.....	.....	1.20	.91
12.84	7.87	.49	.....	1.61	.36	.....	1.62	1.50	1.02	2.00	2.40	11.80	12.68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.69	1.29	.....	.21	.87	.72	.....	.....	.....	.....	.48	.....	.....	.06
.....	.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.48	.....	.....	.24
.30	.32	.97	.21	.....	.54	.....	.....	.....	.....	.....	.....	.48	.30
.30	.19	.....	.....	.25	.36	.....	.....	.....	.....	.48	.....	.....	.....
.20	.19	.....	.21	.....	.36	.....	.....	.....	.....	.....	.....	.48	.12
.25	.13	.....	.....	.12	.54	.....	.....	.....	.....	.....	.....	.....	.....
1,847	1,450	58	159	656	559	66	28	44	3	200	319	224	1,141
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20,093	15,505	2,052	4,654	8,080	5,527	1,234	665	3,932	500	2,082	3,837	4,154	16,480
91.92	93.52	28.27	34.16	81.19	101.14	53.48	42.11	11.19	6.00	96.06	83.14	53.92	69.24

470    PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Idaho.		Illinois.			Indiana.		Iowa.		Kansas.	
	Cities.	Rural districts.	Chicago.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Continued.											
Shortening of lower extremity.....		0.57	0.57	0.37	0.20	0.13	0.13		0.48		0.12
Loss of part or whole of upper extremity.....						.13	.06				
Malunion fracture of upper extremity....	2.00	.57	.09	.21	.20				.30	0.78	
Malunion fracture of lower extremity....	2.00	2.39	.28	.58	.43	.38	.45		.54	1.56	.58
Malunion fracture other than extremity.....				.05			.06		.06		
Nonunion fracture of upper extremity.....						.13					
Nonunion fracture of lower extremity.....					.03						.12
Recent operation wounds.....		.57	.05	.06							
Scar of head.....		1.13	.38	.11	.37	.13	.13		.18		.82
Curvature of spine.....											
Hernia of muscle.....											
Other diseases of bones and organs of locomotion.....		1.70	.24	.26	.76	1.90	.45	1.01	1.33	1.56	.35
XVII. Malformation and ill-defined diseases:											
Defective physical development.....	2.00	1.13	.52	.32	.33	.25	.32		.24		.12
Deficient chest measurement.....											
Overweight.....			.05	.05	.03		.06				
Underweight.....	4.00	5.37	.85	.95	.80	.25	.32		.30		
Malnutrition.....											
Anorchism.....											
Monorchism.....											
Cryptorchidism.....		1.41	.09	.06	.13	.13	.13		.06		
Hypospadias.....		.28									
Fistula, post operative.....											
Fistula, other.....			.09	.05	.07		.06				
Bullet or other recent wounds.....			.09		.20	.25	.19		.13		.12
Ill-defined diseases.....				.11	.10	.13	.19		.06		
Disease or defect not specified.....			.28	.16	.17	.13	.19	.25	.12	.78	.12
Under observation or undiagnosed.....			.19	.11	.20		.13				
Total men rejected.....	21	258	797	563	1,010	279	552	88	713	64	315
Total number of men examined from city and densely populated counties and from rural districts.....	500	3,535	21,173	18,889	30,097	7,896	15,442	23,976	16,568	1,281	8,577
Ratio per 1,000 men rejected to number examined from city and rural districts.....	42.00	72.98	37.64	31.39	33.56	35.38	35.75	22.13	43.03	49.96	36.73



PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 471

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

Kentucky.		Louisiana.		Maine.		Maryland.		Massachusetts.			Michigan.		Minnesota.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Boston.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
1.32	0.22		0.23			0.19		0.56	0.66	0.51	0.26	0.50	0.41	0.33
										.07		.06		
.88	.15		.34					.42	.99	.36	.83	.83		.13
.44	.37	0.52	.80		2.30			.70	.99	.65	.96	.94	.33	.85
	.07				.38	.19								
			.11								.08			
								.14			.06	.06		
								.14				.06		.06
.44	.37		.69		2.68		0.22	.56	.77	.73	.37	.22	.08	.29
											.04			
.44	1.04	1.04	.80	1.41	1.92	.38		2.09	.77	1.53	.96	1.00	.41	.85
	.82		.23	2.82	3.45			.56	.77	.44	.67	1.05	.66	.20
.44	.07				1.15			.14		.22	.04	.17		
2.20	.67	2.08	2.53		1.53	.19		.84	1.43	.95	.17	.11	.08	
											.83	.33	.41	.06
	.30	.26		2.82	.38			.84	.44	.65	.17	.06	.08	.13
											.04	.11		
			.11					.14			.08	.06		
.44	.22		.92	1.41				.14			.17	.17		.20
	.07		.23						.11	.15	.04	.06		.20
	.15	.26	.23		.38		.22	.14	.11	.15		.22	.17	.20
	.15		.23		.38			.28	.11	.07		.11	.08	
135	745	216	608	36	284	46	26	558	742	1,218	1,796	1,618	349	409
2,269	13,444	3,847	8,709	708	2,608	5,240	4,525	7,184	9,078	13,747	24,022	18,013	12,060	15,368
59.50	55.41	56.15	69.81	50.85	108.90	8.78	5.72	77.67	81.74	88.60	74.76	89.82	28.94	26.61

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, diseases or defect.	Mississippi.		Missouri.		Montana.		Nebraska.		Nevada.	
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Continued.										
Shortening of lower extremity.....		0.25	0.10	0.20			0.32			1.7
Loss of part or whole of upper extremity.....										
Malunion fracture of upper extremity.....		.50	.19	.27	0.95	0.62	.32	0.13	3.40	
Malunion fracture of lower extremity.....		1.25	.68	.14	1.43	2.28	.32	.13		
Malunion fracture other than extremity.....			.19	.07		.10	.32			
Nonunion fracture of upper extremity.....										
Nonunion fracture of lower extremity.....										
Recent operation wounds.....		.13		.07	.48	.21				
Scar of head.....										
Curvature of spine.....	1.37	.25	.19	.20	1.43	.73	.65	.26		.3
Hernia of muscle.....										.3
Other diseases of bones and organs of locomotion.....	1.37	1.00	.68	.42		1.35	.65	.26		1.7
XVII. Malformation and ill-defined diseases:										
Defective physical development.....	1.37	.63	.19	.34	.95	1.35	.97	.12		1.7
Deficient chest measurement.....										
Overweight.....				.07						
Underweight.....		1.13	.39	.07	4.76	4.67	.32	.26	10.20	7.0
Malnutrition.....										
Anorchism.....				.07						
Monorchism.....										
Cryptorchidism.....		.38			1.91	1.14		.13		
Hypospadia.....	1.37									
Fistula, post operative.....										
Fistula, other.....		.13								
Bullet or other recent wounds.....		.38			.48	.31				
Ill-defined diseases.....		.13								
Disease or defect not specified.....		.13		.20	.48	.10	.32	.13		
Under observation or undiagnosed.....		.50	.10				.32	.13		
Total men rejected.....	41	643	426	647	179	703	133	208	25	5
Total number of men examined from city and densely populated counties and from rural districts.....	728	7,978	10,360	14,676	2,100	9,636	3,078	7,702	294	1,129
Ratio per 1,000 men rejected to number examined from city and rural districts.	56.32	80.60	41.12	44.09	85.24	72.96	43.21	26.80	85.03	77.06

nd densely populated counties in comparison with those from rural districts, covering  
men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

New Hamp- shire.		New Jersey.		New Mexico.		New York.			North Carolina.		North Dakota.		Ohio.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	New York City.	Other cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
.....	1.75	0.11	0.39	.....	.....	0.19	6.39	0.34	.....	0.60	.....	.....	0.83	0.25
.....	.....	.06	.....	.....	.....	.....	.05	.....	.....	.....	.....	.....	.....	.....
.....	.....	.23	.47	2.39	0.42	.12	.19	.49	1.26	.53	.....	0.17	.33	.30
2.61	2.33	.34	.47	.....	.....	.17	.68	.87	1.26	1.35	.....	.52	.75	.64
.....	.....	.....	.....	.....	.42	.05	.....	.19	.....	.15	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.08	.....	.....	.03	.....
.....	.....	.....	.....	.....	.....	.....	.....	.04	.....	.....	.....	.....	.....	.05
.....	.....	.06	.....	.....	.42	.02	.....	.....	.....	.08	.....	.....	.03	.....
.....	2.92	.06	.31	.....	.....	.19	.05	.34	.....	1.13	.....	.17	.45	.30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.....
.....	1.75	.17	1.01	2.39	.....	.69	.92	1.52	2.52	2.63	.....	.69	.99	.54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.80	.58	.57	.31	7.16	2.53	.52	.44	.61	.63	1.28	.....	.....	.27	.20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.....
.....	.....	.....	.08	.....	.....	.12	.05	.15	.63	.15	.....	.17	.09	.20
1.80	2.33	1.43	.93	2.39	.42	1.59	.97	1.44	1.26	.38	.....	.17	1.08	.64
.....	.....	.....	.....	.....	.....	.....	.....	.04	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	2.39	.....	.....	.....	.04	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.02	.05	.04	.....	.....	.....	.....	.....	.....
.....	.....	.11	.47	.....	.42	.19	.15	.11	.....	.....	.....	.17	.09	.20
.....	.....	.....	.08	.....	.....	.02	.05	.04	.63	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.11	.....	.....	.....	.02	.....	.15	.63	.38	.....	.17	.09	.10
.....	.....	.....	.08	.....	.....	.10	.05	1.29	.....	.23	.....	.....	.....	.....
.....	.58	.06	.23	.....	.84	.12	.15	.04	.....	.38	.....	.17	.27	.15
.....	.....	.11	.08	.....	.....	.....	.....	.08	.....	.....	.....	.....	.06	.05
41	158	815	591	21	99	2,214	956	1,530	105	1,181	19	187	1,277	640
554	1,715	17,528	12,877	419	2,368	42,008	20,648	26,365	1,587	13,313	768	5,803	33,329	20,216
74.01	92.13	46.50	45.90	50.12	41.81	52.70	46.30	58.03	66.16	88.79	24.74	32.22	38.31	31.66

474 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXI.—Men rejected at mobilization camp, showing men who came from cities approximately the first million

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Oklahoma.		Oregon.		Pennsylvania.			Rhode Island.	
	Cities.	Rural districts.	Cities.	Rural districts.	Philadelphia.	Other cities.	Rural districts.	Cities.	Rural districts.
XVI. Bones and organs of locomotion—Con.									
Shortening of lower extremity.....		0.29	0.51	1.14		0.25	0.14	0.42	
Loss of part or whole of upper extremity.....									
Malunion fracture of upper extremity.....		.23	.51	1.14	0.06	.05	.07	.85	0.6
Malunion fracture of lower extremity.....		.63		1.73		.29	.17		1.26
Malunion fracture other than extremity.....		.11				.05	.05		
Nonunion fracture of upper extremity.....									
Nonunion fracture of lower extremity.....									
Recent operation wounds.....									
Scar of head.....									
Curvature of spine.....		.06	.51		.06	.20	.31	.42	.6
Hernia of muscle.....									
Other diseases of bones and organs of locomotion.....	0.88			1.14	.13	.39	.48	.85	
XVII. Malformation and ill-defined diseases:									
Defective physical development...	.44	.11	1.01	1.14		.10	.07	.85	1.26
Deficient chest measurement.....									
Overweight.....						.05		.42	.6
Underweight.....	.44	.29	2.02	4.58	.32	.15	.17	3.82	1.26
Malnutrition.....						.05			
Anorchism.....									
Monorchism.....									
Cryptorchidism.....	.44	.29		.57			.10	.42	
Hypospadia.....									
Fistula, post operative.....									
Fistula, other.....		.17							
Bullet or other recent wounds.....		.11		.57			.07		
Ill-defined diseases.....		.06				.05	.02	.85	
Disease or defect not specified.....		.06			.06		.10	.42	
Under observation or undiagnosed.....		.17			.06	.05	.02	.42	
Total men rejected.....	73	580	52	96	100	428	795	222	135
Total number of men examined from city and densely populated counties and from rural districts.....	2,282	17,402	1,978	1,748	15,392	20,398	41,422	2,356	1,584
Ratio per 1,000 men rejected to number examined from city and rural districts.....	31.99	33.33	26.29	54.92	6.50	20.98	19.19	94.23	85.23

PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS. 475

and densely populated counties in comparison with those from rural districts, covering men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

South Carolina.		South Dakota.		Tennessee.		Texas.		Utah.		Vermont.		Virginia.	
Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.
1.38	0.96	.....	0.26	.....	0.20	0.42	0.32	1.02	0.38	.....	0.60	0.29	0.07
.....	.48	.....	.....	.....	.29	.14	.07	1.53	.76	.....	.....	.....	.13
.69	.84	.....	.....	0.52	.20	.55	.32	2.04	1.14	2.53	.60	.87	.34
.....	.....	.....	.....	.26	.....	.....	.....	.....	.38	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.....	.....
.....	.12	.....	.....	.....	.....	.....	.04	.....	.....	.....	.....	.....	.....
1.38	.60	.....	.26	.26	.39	.....	.21	.51	.38	.....	.60	.29	.20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.38	2.52	.....	.....	1.55	.98	.55	.78	1.02	3.08	.....	.....	1.15	.27
2.07	.96	.....	.....	1.29	.88	.28	.53	1.53	1.14	.....	1.80	.....	.13
.....	.12	.....	.....	.26	.20	.28	.11	.....	.....	.....	.60	.....	.07
.....	.24	.....	.....	4.40	2.74	1.11	.46	4.59	4.17	.....	1.80	.....	.....
.....	.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.69	.60	.....	.....	.....	.....	.....	.46	.....	3.08	2.53	.....	.....	.....
.....	.36	.....	.....	.....	.....	.....	.....	.51	.38	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.04	.....	.....	.....	.....	.....	.....
.....	.12	.....	.....	.....	.....	.14	.07	.....	.....	.....	.....	.....	.....
.....	.72	.....	.....	.....	.20	.14	.07	.51	.....	.....	.....	.....	.13
1.38	.24	.....	.....	.....	.....	.....	.04	.51	.38	.....	.....	.....	.07
.....	.12	.....	.....	.....	.29	.28	.18	.....	.....	2.53	.....	.29	.07
.....	.12	.....	.....	.....	.10	.14	.07	.....	.....	.....	.....	.....	.....
104	757	4	83	165	264	224	822	123	223	33	130	82	297
1,449	8,323	180	3,783	3,865	10,231	7,213	28,067	1,960	2,637	396	1,666	3,465	14,821
71.77	90.96	22.22	21.94	42.69	25.80	31.05	29.29	62.76	84.57	83.33	78.03	23.67	20.04

476 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXI.-- Men rejected at mobilization camp, showing men who came from cities and densely populated counties in comparison with those from rural districts, covering approximately the first million men sent to camp—Continued.

(Ratio per 1,000 men examined from city and from rural districts.)

Rejections, disease or defect.	Washington.		West Virginia.		Wisconsin.		Wyoming.		Total cities.	Total rural districts.	Total.
	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.	Cities.	Rural districts.			
XVI. Bones and organs of locomotion—Contd.											
Shortening of lower extremity.....	0.28	.....	.....	0.29	.....	0.18	.....	.....	0.30	0.32	0.31
Loss of part or whole of upper extremity.....	.....	.....	.....	.....	.....	.09	.....	.....	.01	.01	0
Malunion fracture of upper extremity..	.98	0.63	.....	.10	1.26	.44	.....	1.26	.32	.31	.1
Malunion of fracture lower extremity..	.84	.63	.....	.38	.42	.44	.....	1.89	.53	.63	.3
Malunion fracture other than extremity.....	.42	.16	.....	.....	.14	.26	.....	.....	.04	.06	.5
Nonunion fracture of upper extremity.....	.....	.....	.....	.....	.....	.....	.....	.....	.02	.01	0
Nonunion fracture of lower extremity.....	.....	.16	.....	.....	.....	.09	.....	.....	.01	.02	0
Recent operation wounds.....	.42	.16	.....	.....	.14	.....	.....	.....	.04	.03	0
Scar of head.....	.....	.....	.....	.....	.84	.26	.....	.....	.00	.00	0
Curvature of spine..	.70	.79	.....	.10	.84	.26	.....	.....	.34	.40	.1
Hernia of muscle...	.....	.....	.....	.....	.....	.....	.....	.....	.01	.00	0
Other diseases of bones and organs of locomotion....	.14	2.05	0.48	.58	1.26	1.14	3.12	1.89	.78	.99	.4
XVII. Malformation and ill-defined diseases:											
Defective physical development.....	1.26	1.42	.....	.10	.26	.53	.....	1.89	.59	.61	.4
Deficient chest measurement.....	.....	.16	.....	.....	.14	.....	.....	.....	.02	.02	.1
Overweight.....	.....	.....	.48	.....	.....	.....	.....	.....	1.00	1.10	.1
Underweight.....	5.20	5.05	.....	.10	.70	.61	3.12	1.26	1.88	1.51	1.5
Malnutrition.....	.....	.....	.....	.....	.....	.....	.....	.....	.00	.00	0
Anorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.00	.00	0
Monorchism.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.00	0
Cryptorchidism....	.84	.79	.....	.....	.....	.18	.....	.63	.24	.24	.1
Hypospadia.....	.42	.....	.....	.....	.....	.....	.....	.....	.02	.02	.1
Fistula, post operative.....	.....	.16	.....	.....	.....	.....	.....	.....	.....	.00	0
Fistula, other.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.00	0
Bullet or other recent wounds...	.28	.32	.48	.....	.14	.09	.....	.....	.10	.18	.1
Ill-defined diseases.	.28	.....	.....	.....	.....	.18	.....	.63	.07	.14	.1
Disease or defect not specified.....	.14	.16	.....	.10	.14	.....	.....	.....	.14	.15	.1
Under observation or undiagnosed.....	.....	.16	.....	.....	.....	.09	.....	.....	.09	.10	.1
Total men rejected.	487	470	27	232	419	497	12	105	17,965	25,163	43,128
Total number of men examined from city and densely populated counties and from rural districts.....	7,121	6,331	2,089	10,419	7,118	11,418	321	1,590	377,020	506,965	883,985
Ratio per 1,000 men rejected to number examined from city and rural districts.....	68.39	74.24	12.92	22.27	58.86	43.53	37.38	66.04	47.65	49.63	49.7

<sup>1</sup> Not including 434 men. This number is distributed through all the States and is the total of those men whose original records did not specify whether they came from cities or rural districts.



478 PHYSICAL EXAMINATION OF FIRST MILLION DRAFT RECRUITS.

TABLE XXII.—Summary of defects found at mobilization camps (in accepted and

	Accepted at camp with defect.						
	1	2	3	4	5	6	7
	Total cities.	Total rural.	Total.	Chi- cago.	Bos- ton.	New York.	Phila- del- phia.
I. Infectious diseases.....	0.06	0.09	0.08	0.09		0.02	
II. Tuberculosis, pulmonary.....	.42	.38	.40	.19	1.11	.10	0.3
Tuberculosis, other.....	.03	.03	.03		.14		
III. Venereal diseases:							
Chancroid.....	.82	1.06	.95	.94	.00	.26	.3
Gonococcus.....	20.17	24.39	22.59	17.81	8.07	11.64	12.4
Syphilis, all.....	2.98	3.12	3.06	1.51	2.64	1.43	1.25
IV. General diseases:							
Tumors, benign.....	.06	.08	.07	.09	.28	.02	
Obesity.....	.03	.02	.03	.05			
Cretenism.....		.00					
Goitre, simple.....	2.24	1.36	1.73	5.62		.05	.3
Exophthalmic goitre.....	.08	.04	.06	.19			.6
Diabetes, mellitus.....	.00		.00				
Alcoholism, chronic.....	.05	.02	.03	.06	.42		
Drug addiction.....	.02	.01	.01				
Arthritis.....	.16	.17	.17	.19		.02	.13
Poisoning, chronic.....	.00	.00	.00				
Other general diseases.....	.22	.20	.21	.05	.28	.67	
V. Nervous diseases:							
Speech, defective.....	.03	.03	.03				.6
Neurasthenia.....	.01	.01	.01			.05	
Neuritis.....		.01	.00				
Multiple sclerosis.....	.00	.00	.00	.06			
Paralysis of muscle.....	.02	.02	.02		.14	.02	
Paralysis of nerve.....		.01	.00				
Epilepsy.....	.02	.04	.03			.05	.6
Hysteria.....	.00	.01	.01				
Tabes dorsalis.....	.00		.00				
Other diseases of nervous system.....	.10	.10	.10	.09		.12	
VI. Mental diseases:							
Mental deficiency.....	.06	.18	.13		.14		.19
Dementia, precox.....							
Constitutional psychopathic states.....	.00	.01	.01				
Psychasthenia.....	.00		.00				
Psychoneuroses.....	.01	.00	.00	.05	.14		
Psychoses, alcoholic.....	.01		.00				
General paralysis of insane.....							
Psychoses, other.....	.09	.02	.01				
VII. Diseases of eye:							
Defective vision.....	2.64	2.25	2.42	1.23	7.24	2.45	1.69
Strabismus.....	.16	.21	.19	.28	.56	.10	.08
Myopia.....	.32	.32	.33		.42	.19	1.14
Hyperopia.....	.11	.07	.09	.05	.28	.17	.39
Astigmatism.....	.57	.23	.37	.09	1.39	1.83	1.59
Leucoma.....	.01		.00				
Cataract.....	.01	.01	.01				
Conjunctivitis, other.....	.30	.42	.37	.19	.28	.12	.13
Conjunctivitis, granular.....	.06	.10	.08		.14	.14	
Pterygium.....	.20	.63	.45				
Choroiditis.....	.01	.00	.01				
Retinitis.....	.00		.00				
Amblyopia.....	.03	.06	.05	.05		.02	.11
Color blindness.....	.02	.00	.01	.05			
Glaucoma.....	.02	.01	.01				.06
Keratitis.....	.01	.00	.00				
Myastagnus.....	.00	.01	.00				
Eye, enucleation of.....	.00	.01	.00				
Other diseases of eye.....	.15	.14	.15	.14		.02	
VIII. Diseases of the ear:							
Defective hearing.....	.18	.23	.21	.24		.10	.13
Otitis media.....	.54	.65	.61	.24	.56	.71	.26
Perforated eardrum.....	.15	.08	.11	.24	.14	.21	.13
Otitis, external.....	.62	.02	.02				
Other diseases of the ear.....	.03	.03	.03	.05			.06
IX. Diseases of the nose:							
Nose, external deformity of.....							
Deviation of nasal septum.....	.12	.14	.13	.24		.02	.19
Turbinate hypertrophy.....	.14	.13	.14			.26	.66
Polypus nasal.....	.01	.01	.01	.05			
Rhinitis, hypertrophic.....	.04	.06	.05	.05	.42		
Sinusitis.....	.02	.03	.03				
Other diseases of nasal fossae.....	.07	.07	.07		.28	.05	.13



ejected men) for urban and rural districts and for four selected cities—percentages.

Rejected at camp.							Total.						
8	9	10	11	12	13	14	1 and 8.	2 and 9.	3 and 10.	4 and 11.	5 and 12.	6 and 13.	7 and 14.
Total urban.	Total rural.	Total.	Chi-cago.	Bos-ton.	New York.	Phila-del-phia.	Total urban.	Total rural.	Total.	Chi-cago.	Bos-ton.	New York.	Phila-del-phia.
0.06	0.08	0.07	.....	0.28	2.29	0.45	0.12	0.17	0.15	0.09	0.29	2.31	0.45
3.26	4.71	4.09	1.70	9.05	.24	.05	3.08	5.09	4.49	1.89	10.16	.34	.33
.17	.24	.21	.09	.28	.....	.....	.20	.27	.24	.09	.42	.....	.....
.08	.08	.08	.05	.....	.....	.....	.85	1.09	.98	.99	.00	.28	.52
.43	.35	.38	.33	.97	.10	.....	20.60	24.74	22.97	18.14	9.94	11.74	19.49
1.53	1.25	1.37	1.23	1.53	.83	.13	4.51	4.37	4.43	2.74	4.17	2.26	1.36
.02	.02	.02	.....	.....	.....	.....	.07	.10	.09	.09	.28	.62	.....
.08	.02	.08	.05	.....	.02	.06	.06	.04	.06	.10	.....	.02	.06
.....	.00	.00	.....	.....	.....	.....	.....	.00	.00	.....	.....	.....	.....
.27	.24	.25	.19	.....	.19	.05	2.51	1.00	1.99	5.81	.....	.24	.22
.35	.36	.36	.24	.....	.36	.06	.43	.40	.42	.43	.....	.36	.12
.01	.01	.01	.....	.....	.....	.....	.01	.01	.01	.....	.....	.....	.....
.11	.04	.07	.05	.97	.10	.....	.16	.06	.10	.10	1.39	.10	.....
.39	.08	.22	.14	.28	1.09	.....	.41	.09	.23	.14	.28	1.69	.....
.28	.40	.35	.38	.42	.17	.....	.44	.57	.52	.57	.42	.19	.13
.00	.....	.00	.....	.....	.....	.....	.00	.00	.00	.....	.....	.....	.....
.15	.18	.17	.19	.14	.07	.06	.37	.38	.48	.24	.42	.14	.06
.08	.10	.09	.05	.....	.10	.....	.11	.13	.12	.05	.....	.10	.06
.08	.08	.08	.09	.14	.07	.06	.09	.09	.09	.09	.14	.12	.06
.04	.08	.03	.....	.14	.02	.....	.04	.04	.03	.....	.14	.02	.....
.04	.05	.05	.....	.....	.05	.06	.04	.05	.05	.05	.....	.05	.06
.07	.06	.06	.09	.14	.05	.....	.09	.08	.08	.09	.28	.07	.....
.08	.08	.08	.....	.....	.02	.....	.08	.04	.03	.....	.....	.02	.....
.69	.90	.81	.61	1.81	.76	.13	.71	.94	.84	.61	1.81	.81	.19
.03	.08	.06	.....	.....	.02	.....	.08	.09	.07	.....	.....	.02	.....
.07	.04	.05	.....	.....	.....	.....	.07	.04	.05	.....	.....	.....	.....
.22	.29	.26	.14	.42	.19	.....	.32	.39	.36	.23	.42	.31	.....
1.15	2.64	2.00	.61	1.39	.62	.09	1.21	2.82	2.13	.61	1.53	.62	.26
.20	.27	.24	.14	.56	.12	.....	.20	.27	.24	.14	.56	.12	.....
.20	.21	.20	.09	.14	.21	.13	.20	.22	.21	.09	.14	.21	.13
.03	.03	.03	.05	.....	.02	.....	.03	.03	.03	.05	.....	.02	.....
.13	.15	.14	.14	.....	.10	.....	.14	.15	.14	.19	.14	.10	.....
.02	.01	.02	.....	.....	.07	.....	.03	.01	.02	.....	.....	.07	.....
.02	.04	.03	.05	.....	.02	.....	.02	.04	.03	.05	.....	.02	.....
.16	.17	.17	.14	.14	.21	.06	.16	.19	.18	.14	.14	.21	.06
6.26	4.79	5.42	7.46	12.81	14.66	.78	8.90	7.04	7.84	8.69	20.05	18.11	2.47
.12	.16	.14	.....	.....	.12	.....	.28	.37	.33	.28	.56	.22	.06
.54	.37	.44	.05	.70	.....	.....	.87	.69	.77	.05	1.12	.19	1.10
.11	.08	.09	.....	.14	.19	.....	.22	.15	.18	1.05	.42	.36	.39
.19	.16	.18	.....	.84	.22	.....	.76	.38	.55	.09	2.23	2.05	1.49
.02	.02	.02	.....	.....	.....	.....	.03	.02	.02	.....	.....	.....	.....
.09	.11	.10	.....	.....	.12	.....	.10	.12	.11	.....	.....	.12	.....
.02	.04	.03	.....	.....	.....	.....	.32	.46	.40	.19	.28	.12	.13
.16	.53	.37	.....	.....	.43	.....	.22	.63	.45	.....	.14	.57	.....
.01	.02	.02	.....	.....	.....	.....	.21	.65	.47	.....	.....	.....	.....
.05	.05	.05	.05	.....	.05	.....	.06	.05	.06	.05	.....	.05	.....
.01	.02	.01	.05	.....	.....	.....	.01	.02	.01	.05	.....	.....	.....
.16	.15	.16	.....	.....	.24	.....	.19	.21	.21	.05	.....	.26	.13
.....	.01	.00	.....	.....	.....	.....	.02	.01	.01	.05	.....	.....	.....
.01	.....	.00	.....	.....	.02	.....	.03	.01	.01	.....	.....	.02	.06
.01	.02	.02	.....	.....	.....	.....	.02	.02	.02	.....	.....	.....	.....
.02	.08	.05	.....	.....	.....	.....	.02	.09	.05	.....	.....	.....	.....
.01	.00	.00	.....	.....	.....	.....	.01	.01	.00	.....	.....	.....	.....
.14	.24	.20	.05	.14	.07	.....	.29	.38	.35	.19	.14	.09	.....
.33	.35	.34	.33	.28	.36	.....	.51	.58	.55	.57	.28	.46	.13
2.16	1.35	1.70	2.88	1.39	5.40	.06	2.70	2.00	2.31	3.12	1.95	6.11	.32
.08	.07	.07	.14	.....	.02	.58	.23	.15	.18	.38	.14	.23	.71
.....	.....	.....	.....	.....	.....	.....	.02	.02	.02	.....	.....	.....	.....
.04	.04	.04	.....	.14	.02	.....	.07	.07	.07	.05	.14	.02	.06
.00	.....	.00	.....	.....	.....	.....	.09	.....	.00	.....	.....	.....	.....
.00	.01	.00	.....	.....	.....	.....	.12	.15	.13	.24	.....	.02	.19
.....	.....	.....	.....	.....	.....	.....	.14	.13	.14	.....	.....	.26	.06
.....	.00	.00	.....	.....	.....	.....	.01	.01	.01	.05	.....	.....	.....
.01	.....	.01	.....	.....	.02	.....	.05	.05	.05	.05	.42	.02	.....
.61	.02	.01	.....	.....	.....	.....	.03	.05	.04	.....	.....	.....	.....
.04	.06	.05	.05	.28	.02	.....	.11	.13	.12	.05	.56	.07	.13

TABLE XXII.—Summary of defects found at mobilization camps (in accepted and re-

	Accepted at camp with defect.						
	1	2	3	4	5	6	7
	Total cities.	Total rural.	Total.	Chi-cago.	Bos-ton.	New York.	Phila-del-phia.
<b>X. Diseases of the throat:</b>							
Tonsillitis, hypertrophic.....	23.96	24.10	24.04	30.65	43.16	18.62	21.6
Other diseases of pharynx.....	.55	.53	.54	.24	.42	.24	.6
Other diseases of larynx.....		.00	.00				
<b>XI. Circulatory system:</b>							
Endocarditis, acute, chronic.....	.07	.10	.09			.10	.6
Valvular heart diseases—							
Tricuspid lesions.....	.00	.00	.00				
Mitral insufficiency.....	1.37	1.41	1.39	1.46	.28	.62	1.2
Mitral stenosis.....	.12	.16	.14	.14			.5
Aortic insufficiency.....	.08	.04	.06	.05		.02	
Aortic stenosis.....	.01	.02	.02			.02	
Combined lesions.....	.02	.01	.01				.6
Pulmonic lesions.....	.01	.01	.01	.05			
Unclassified.....	.33	.17	.24		.23	.26	.2
Myocarditis.....	.02	.01	.02				
Myocardial insufficiency.....	.00		.00				
Pericarditis.....	.00		.00				
Heart block.....		.00	.00				
Cardiac hypertrophy.....	.24	.24	.24	.09	.28	.17	.9
Cardiac dilatation.....	.01	.00	.01				
Cardiac arrhythmias.....	.08	.09	.09	.05	.42	.05	
Tachycardia.....	.24	.19	.21	.05	.56	.38	.9
Bradycardia.....		.09	.00				
Hemorrhoids.....	.82	.87	.85	1.51	.84	.64	.9
Varicose veins.....	1.07	.88	.96	1.37	1.23	.52	.6
Varicocele.....	2.97	3.52	3.28	4.01	2.64	2.07	2.1
Other diseases of circulatory system.....	.25	.18	.21	.19	.28	.24	
<b>XII. Respiratory system:</b>							
Asthma.....	.05	.09	.08	.05	.14	.02	.5
Bronchitis.....	.14	.16	.15		.14	.07	.6
Pleurisy, fibrinous.....	.03	.03	.03		.14		
Other diseases of respiratory system.....	.09	.14	.12	.14			.9
<b>XIII. Digestive system:</b>							
Defective teeth.....	1.44	1.37	1.40	.52	4.32	.71	.3
Dental caries.....	.00	.01	.01				
Appendicitis.....	.08	.02	.03		.14		.5
Intestinal obstruction.....	.00		.00				
Hernia.....	11.50	11.11	11.28	8.69	9.05	8.96	10.2
Enlarged inguinal rings.....	23.48	19.09	20.96	12.28	49.55	26.47	28.6
Fistula in ano.....	.08	.09	.08	.09		.12	.6
Other diseases of digestive system.....	.43	.39	.41	.57	.14	.17	.9
<b>XIV. Genito-urinary system (nonvenereal):</b>							
Nephritis.....	.01	.01	.01			.02	
Nephroptosis.....		.01	.00				
Hydrocele.....	.64	.70	.67	.80	.23		.5
Other diseases of genito-urinary system (nonvenereal).....	1.26	1.37	1.32	2.83	1.52	.69	.9
<b>XV. Diseases of the skin:</b>							
Bromidrosis.....	.01	.01	.01				
Raynaud's disease.....	.00	.00	.00				
Cellulitis.....		.00	.00				
Keloid.....	.01	.01	.01				
Large scar of face.....	.01	.02	.01				
Abdominal scar.....	.12	.12	.12			.10	
Other diseases of skin.....	.94	.85	.89	.90	.84	.48	1.04
<b>XVI. Bones and organs of locomotion:</b>							
Osteitis deformans.....	.01	.00	.00				
Ankylosis, bony.....	.46	.49	.48	.33	.28	.17	.5
Ankylosis, fibrous.....	1.10	1.41	1.23	.61	.70	.60	.2
Bursitis.....	.02	.01	.01			.05	
Tenosynovitis.....	.02	.00	.01				.6
Relaxed ligaments of joint.....	.02	.04	.03				
Joint, resection of.....	.00	.01	.00				
Chronic dislocation (other than hand).....	.08	.08	.08		.28	.07	.5
Contracture of joint.....	.13	.19	.17	.14	.14	.21	
Contracture of muscle, fascia, tendon, sheath.....	.14	.15	.14			.05	1.3
Bunion.....	1.04	.72	.86	.80	.28	.62	1.0
Hammertoe.....	3.87	2.81	2.97	3.92	2.92	4.02	2.6
Ingrowing nail.....	.04	.03	.03	.05			

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ected men) for urban and rural districts and for four selected cities—percentages—Contd.

Rejected at camp.							Total.						
8	9	10	11	12	13	14	1 and 8.	2 and 9.	3 and 10.	4 and 11.	5 and 12.	6 and 13.	7 and 14.
Total urban.	Total rural.	Total.	Chi-cago.	Bos-ton.	New York.	Phila-del-phia.	Total urban.	Total rural.	Total.	Chi-cago.	Bos-ton.	New York.	Phila-del-phia.
0.02	0.02	0.02	0.09				23.98	24.12	24.06	30.74	48.16	18.62	21.06
.01	.08	.02					.56	.56	.56	.24	.42	.24	.45
.01	.01	.01	.05				.01	.01	.01	.06			
.26	.24	.25	.24	0.14	0.36	0.05	.33	.34	.34	.24	.14	.46	.11
	.01	.00					.00	.01	.00				
2.82	3.20	3.04	1.23	2.64	1.59	.97	4.19	4.61	4.43	2.69	2.92	2.21	2.26
1.22	1.43	1.34	.24	.97	.50	.06	1.34	1.59	1.48	.38	.97	.50	.19
.29	.28	.29	.19	.28	.21		.37	.32	.35	.24	.28	.23	
.05	.09	.07	.06		.05	.06	.06	.11	.09	.06		.07	.06
.04	.03	.03		.28	.02		.03	.04	.04		.28	.02	.06
.01	.02	.02					.02	.03	.03	.05			
.21	.15	.17	.14	.42	.31		.54	.32	.41	.14	.68	.57	.32
.12	.17	.15	.19		.19		.14	.18	.17	.19		.19	
.02	.01	.01					.02	.01	.01				
.01	.01	.01			.07		.01	.01	.01			.07	
.01	.01	.01					.01	.01	.01				
.22	.31	.27	.05	.70	.17		.46	.55	.51	.14	.98	.34	.19
.05	.02	.04	.05	.14	.14		.06	.02	.05	.05	.14	.14	
.04	.02	.03	.05		.07		.12	.11	.12	.10	.42	.12	
.25	.28	.27	.33	.14	.10	.13	.49	.47	.48	.38	.70	.48	.32
	.01	.00						.01	.00				
.14	.16	.15	.14	.42	.19		.96	1.03	1.00	1.65	1.26	.83	.19
.57	.45	.50	.66	1.25	.90		1.64	1.33	1.46	2.08	2.50	1.42	.65
.12	.10	.11	.28		.10		3.09	3.62	3.39	4.29	2.64	2.17	2.21
.16	.16	.16			.07	.06	.41	.34	.37	.19	.28	.31	.06
.42	.56	.50	.33	1.25	.14		.47	.65	.58	.38	1.39	.16	.06
.10	.11	.11	.05	.42			.24	.27	.26	.05	.56	.07	.06
.04	.03	.04	.09		.05	.13	.07	.06	.07	.09	.14	.05	.13
.19	.26	.23	.19	.14	.17	.06	.28	.40	.35	.33	.14	.17	.26
3.85	3.79	3.81	3.50	7.24	2.02	.45	5.29	5.16	5.21	4.02	11.56	2.73	.97
.01	.00	.01			.02		.01	.01	.02			.02	
.01	.02	.02		.14			.04	.04	.05		.23		.13
							.00		.00				
3.46	2.96	3.18	2.27	5.01	5.93	.19	14.96	14.07	14.46	10.96	14.06	14.88	10.71
.03	.03	.03		.14	.02		23.51	19.12	20.99	12.28	49.69	26.49	26.05
.10	.12	.11	.09	.14	.14		.18	.21	.19	.18	.14	.26	.06
.32	.27	.29	.24	.84	.33	.06	.75	.66	.70	.81	.98	.50	.25
.08	.07	.08	.09	.42	.07	.06	.69	.08	.09	.09	.42	.09	.06
	.01	.00						.02	.00				
.06	.04	.05	.05	.28	.07		.70	.74	.72	.85	.56	.07	.13
.25	.37	.32	.19	.56	.17	.06	1.51	1.74	1.64	3.02	2.09	.86	.45
.00	.00	.00					.01	.01	.01				
.01		.00					.01	.00	.00				
								.00	.00				
							.01	.01	.01				
.00		.00					.01	.02	.01				
.06	.05	.05	.09		.05		.17	.17	.17	.09		.15	
.40	.51	.47	.52	.84	.24		1.34	1.36	1.36	1.42	1.68	.72	1.04
.01	.01	.01					.02	.01	.01				
.28	.30	.29	.06	.42	.10		.74	.79	.77	.38	.70	.27	.53
.49	.67	.59	.24	.28	.31		1.59	2.08	1.87	.84	.98	.91	.73
.01	.00	.00			.02		.03	.01	.01			.07	
.01	.00	.01			.02		.03	.00	.02			.03	.06
.03	.04	.03					.05	.06	.06				
.00		.00			.02		.00	.01	.00			.02	
.10	.17	.14	.05	.56	.02		.18	.25	.24	.05	.84	.09	.26
.03	.04	.04	.05		.02	.06	.16	.23	.21	.19	.14	.23	.06
.02	.05	.03					.16	.20	.17			.05	1.36
.12	.11	.12	.05	.14	.05		1.16	.83	.98	.85	.42	.67	1.10
.08	.06	.07	.05	.28	.02		3.95	2.37	3.04	3.97	3.20	4.04	3.06
.00	.01	.00					.04	.04	.03	.05			

TABLE XXII.—*Summary of defects found at mobilization camps (in accepted and n*

	Accepted at camp with defect.						
	1	2	3	4	5	6	7
	Total cities.	Total rural.	Total.	Chi- cago.	Bos- ton.	New York.	Phi- de- lphia.
<b>XVI. Bones and organs of locomotion—Con.</b>							
Contraction of plantar fascia.....	0.00	.....	0.00	.....	.....	.....	.....
Pes cavus.....	.19	0.19	.19	0.09	.....	0.02	0.12
Pes planus.....	206.78	157.24	178.37	202.95	312.22	226.84	186.15
Pronated foot.....	3.55	3.29	3.40	.19	3.62	.29	11.3
Loss of part of foot.....	.48	.67	.59	.19	.14	.55	.39
Deformities (miscellaneous).....	.42	.34	.37	.19	.56	.10	.32
Ganglion.....	.01	.00	.00	.....	.....	.02	.....
Depressed fracture of skull.....	.10	.12	.12	.05	.....	.07	.....
Deformity of hand (result of old injury or infection).....	.83	.86	.84	.85	.70	.48	.7
Loss of fingers.....	2.15	2.44	2.32	1.94	1.39	1.35	1.5
Loss of lower extremity.....	.03	.05	.04	.....	.....	.....	.....
Shortening of lower extremity.....	.30	.27	.29	.24	.....	.19	.3
Loss of upper extremity.....	.02	.03	.03	.....	.....	.....	.....
Malunion fracture of upper ex- tremity.....	.58	.67	.63	.09	.56	.38	.2
Malunion fracture of lower ex- tremity.....	.39	.47	.43	.24	.56	.29	.3
Malunion fracture other than ex- tremity.....	.02	.05	.03	.....	.....	.....	.....
Nonunion fracture of upper ex- tremity.....	.01	.02	.01	.....	.....	.....	.....
Nonunion fracture of lower ex- tremity.....	.01	.01	.01	.....	.....	.02	.....
Recent operation wounds.....	.02	.02	.02	.05	.....	.....	.....
Scar of head.....	.03	.02	.02	.05	.14	.....	.....
Curvature of spine.....	.43	.32	.37	.90	.42	.07	.5
Hernia of muscle.....	.00	.01	.00	.....	.....	.....	.....
Other diseases of bones and organs of locomotion.....	.56	.80	.70	.24	.56	.24	.3
<b>XVII. Malformation and ill-defined diseases:</b>							
Defective physical development..	.17	.10	.13	.19	.....	.14	.....
Deficient chest measurement.....	.03	.03	.03	.05	.....	.....	.1
Overweight.....	.20	.08	.13	.42	.28	.17	.19
Underweight.....	1.43	.85	1.10	1.56	1.11	1.00	.2
Malnutrition.....	.00	.00	.00	.....	.....	.....	.....
Anorchism.....	.04	.01	.02	.....	.....	.....	.6
Monorchism.....	.11	.09	.10	.05	.28	.....	.....
Cryptorchidism.....	1.38	1.23	1.29	1.18	.70	1.79	.6
Hypospadias.....	.19	.19	.19	.47	.28	.....	.2
Fistula, post operative.....	.01	.00	.01	.....	.....	.02	.....
Fistula, other.....	.03	.04	.04	.05	.14	.....	.....
Bullet or other recent wounds....	.10	.19	.15	.19	.....	.02	.6
Ill-defined diseases.....	.74	.72	.73	1.23	.84	.07	.39
Disease or defect not specified....	.50	.56	.53	.80	.70	.50	.45
Under observation or undiag- nosed.....	.08	.08	.08	.....	.14	.05	.....
<b>Total.....</b>	<b>126,268</b>	<b>143,446</b>	<b>269,714</b>	<b>6,716</b>	<b>8,424</b>	<b>13,957</b>	<b>4,94</b>
<b>Total examined.....</b>	<b>377,020</b>	<b>506,965</b>	<b>883,985</b>	<b>21,173</b>	<b>7,184</b>	<b>42,008</b>	<b>15,32</b>
<b>Per cent with defect.....</b>	<b>334.91</b>	<b>282.93</b>	<b>305.11</b>	<b>317.20</b>	<b>476.61</b>	<b>332.48</b>	<b>321.34</b>

ected men) for urban and rural districts and for four sleected cities—percentages—Contd.

Rejected at camp.							Total.						
8	9	10	11	12	13.	14	1 and 8.	2 and 9.	3 and 10.	4 and 11.	5 and 12.	6 and 13.	7 and 14.
Total urban.	Total rural.	Total.	Chi-cago.	Bos-ton.	New York.	Phi'a-del-phia.	Total urban.	Total rural.	Total.	Chi-cago.	Bos-ton.	New York.	Phila-del-phia.
	0.00	0.00					0.00	0.00	0.00				
0.06	.06	.06	0.05				.25	.25	.25	0.14		0.02	0.32
2.49	2.11	2.27	3.16	6.40	1.17	0.82	209.27	159.35	180.64	206.11	318.62	238.01	198.47
.10	.30	.21		.14	.05		3.65	3.59	3.61	.19	3.76	.34	13.38
.13	.16	.15	.05		.10		.61	.83	.74	.24	.14	.65	.39
.23	.27	.25			.17		.65	.61	.62	.19	.56	.17	.52
.00	.00	.00					.01	.00	.00			.02	
.12	.11	.11		.28	.19	.06	.22	.24	.23	.05	.28	.26	.06
.26	.41	.35		.42	.12		1.09	1.27	1.19	.85	1.12	.60	.71
.38	.45	.42	.19	.28	.14	.06	2.53	2.89	2.74	2.13	1.67	1.52	1.28
.02	.01	.02		.28	.02		.05	.06	.06		.28	.02	
.30	.32	.31	.57	.56	.19		.60	.59	.60	.81	.56	.38	.78
.01	.01	.01					.03	.04	.04				
.32	.31	.31	.09	.42	.12	.06	.90	.98	.94	.18	.98	.50	.38
.53	.63	.59	.28	.70	.17		.92	1.10	1.02	.49	1.26	.46	.39
.04	.05	.05			.05		.06	.10	.08			.05	
.02	.01	.01					.03	.03	.02				
.01	.02	.01		.14			.02	.03	.02		.14	.02	
.04	.08	.08	.05	.14	.02		.06	.05	.05	.10	.14	.02	
.00	.00	.00					.03	.02	.02	.05	.14		
.34	.40	.37	.38	.56	.19	.06	.77	.72	.74	1.28	.98	.26	.38
.01	.00	.00					.01	.01	.00				
.78	.99	.90	.24	2.09	.69	.13	1.34	1.79	1.60	.48	2.65	.93	.65
.59	.61	.60	.52	.56	.52		.76	.71	.73	.71	.56	.66	
.02	.02	.02					.05	.05	.05	.05			
.09	.10	.10	.05	.14	.12		.29	.18	.23	.47	.42	.29	.19
1.88	1.51	1.67	.85	.84	1.59	.32	3.31	2.36	2.77	2.41	1.95	2.59	.71
.00	.00	.00					.00	.00	.00				
.00	.00	.00					.04	.01	.02				.06
.01	.00	.00			.02		.12	.09	.10	.05	.28		.02
.25	.25	.25	.09	.84	.19		1.63	1.48	1.54	1.27	1.54	1.98	.65
.02	.02	.02			.02		.21	.21	.21	.47	.28	.02	.32
	.00	.00					.01	.00	.01			.02	
.03	.03	.03	.09	.14			.06	.07	.07	.14	.28		
.10	.18	.14	.09	.14	.02		.20	.37	.29	.29	.14	.04	.06
.07	.14	.11			.10		.81	.86	.84	1.23	.84	.17	.39
.14	.15	.14	.28	.14	.12	.06	.64	.71	.67	1.06	.84	.62	.51
.09	.10	.09	.19	.28		.06	.12	.13	.12	.19	.42	.05	.06
17,965	25,163	43,128	797	558	2,214	100	144,233	168,603	312,842	7,513	3,982	16,181	5,046
377,020	506,965	883,985	21,173	7,184	42,008	15,392	754,040	1,013,930	1,767,970	42,346	14,368	84,016	30,784
47.65	49.63	48.79	37.64	77.67	52.70	6.50	382.56	332.56	353.90	354.84	554.28	385.18	327.84



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